

APPENDIX A

COUGAR RESERVOIR WATER QUALITY MONITORING PROGRAM

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WATER QUALITY DURING CONSTRUCTION OF THE SELECTIVE WITHDRAWAL STRUCTURE AT COUGAR RESERVOIR

Introduction. Congress approved construction of a Selective Withdrawal Structure (SWS) at Cougar Reservoir to improve downstream temperatures in the South Fork McKenzie and mainstem Mckenzie for the benefit of fish. Construction of the SWS will involve adding three sliding weir gates to the current withdrawal structure that will allow water of different temperatures at depth to be released from the reservoir. But, before construction could begin, the reservoir needed to be drawn down to elevation 1400' so that workers could have access to the tower. This was accomplished by tapping the tunnel connecting the bottom of the reservoir with the river below the dam. The tunnel tap and the subsequent drawdown to elevation 1400' could impact water quality in release waters sent downstream and in the reservoir itself. A plan for monitoring water quality during construction of the SWS was developed in consultation with the Resource Agency Advisory Team that was set up by the Corps. The monitoring plan, results from monitoring, and unanticipated water quality impacts of the drawdown as well as plans for dealing with these impacts are presented in this Appendix.

Water quality monitoring plan. In consultation with the resource agencies, the Corps developed a water quality monitoring program to cover the year before construction, the three years of construction, and one year of post construction. The program involves monitoring water quality above, in and below the reservoir. The Corps contracted with the United States Geological Survey (USGS) to establish monitoring gages upstream (gage 14159200) and downstream (gage 14159500) of the reservoir on the South Fork McKenzie. The upstream gages measure water discharge, temperature and turbidity; the downstream gage measures water discharge, temperature, turbidity, dissolved oxygen (DO) and DO percent saturation. These gages have been in place since November and December of 2000 and operate continuously, reporting measured parameters as an average over every half-hour. USGS maintains a website with the data from these gages at <http://oregon.usgs.gov/mckenzie/monitors>. The data is considered provisional by the USGS until it is quality assured. The USGS data for the monitoring period, though referred to in this appendix, is not included as a table in the appendix but can be viewed by querying the USGS web site.

The Corps contracted with the USFS, Blue River Ranger District, to monitor water quality in the reservoir before and during construction of the SWS. The Forest Service collects data from April through November at three sites on the lake – near the withdrawal tunnel, the East Fork arm and the South Fork arm. In 2000 the reservoir was sampled monthly and in 2002 bimonthly. A Hydrolab instrument is used to profile the reservoir from surface to bottom at the three sites. Parameters measured are depth, temperature, dissolved oxygen, dissolved oxygen percent saturation, pH, specific conductivity and turbidity.

The USFS also collected data at three sites below the dam during the tunnel tap on February 23, 2002. The sites were at the bridge on the South Fork below the project on forest Route 19 about 2 miles below the dam, at Forest Glen 3 miles below the

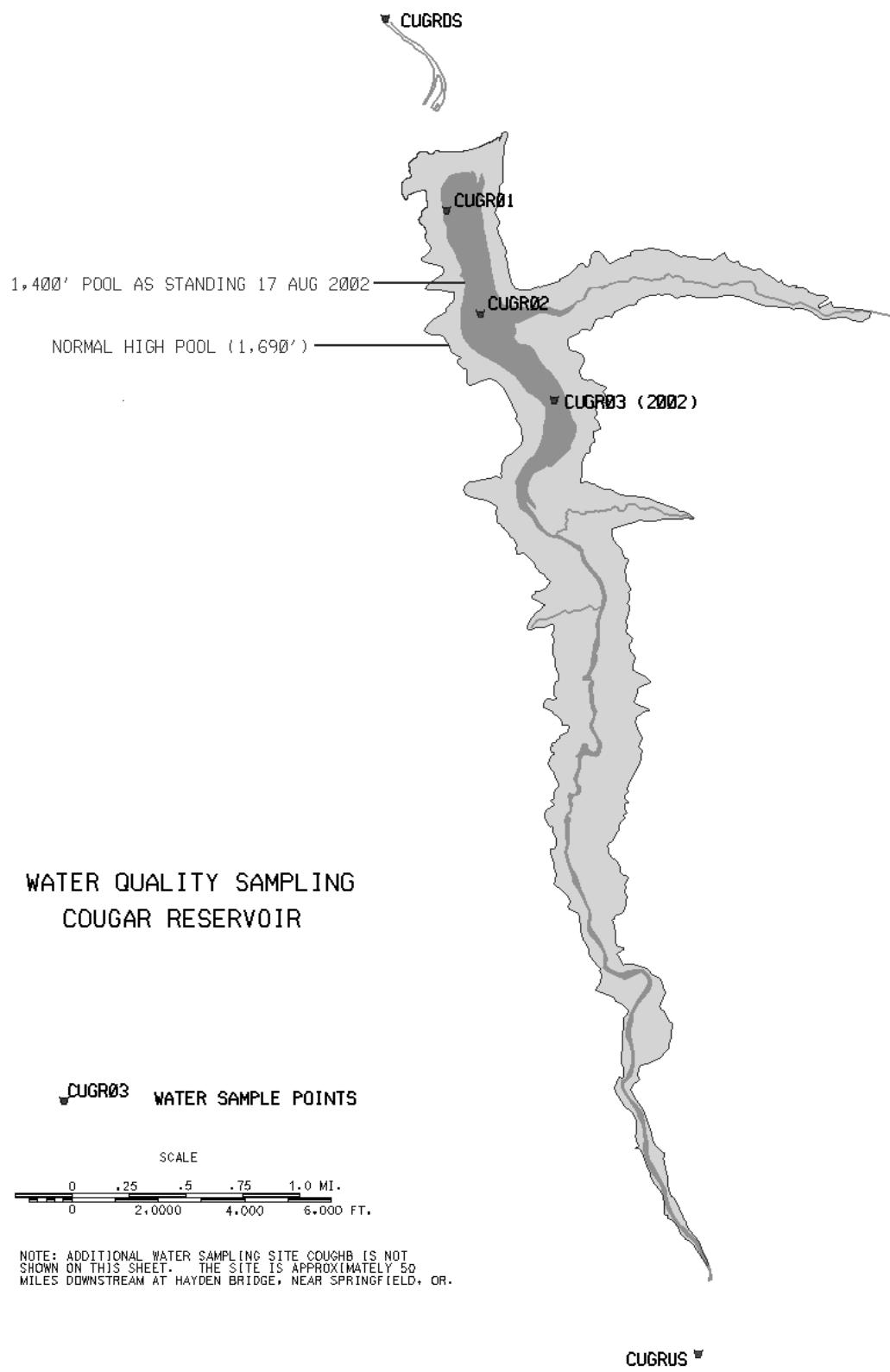
confluence of the mainstem Mckenzie and the South Fork, and at the bridge at Finn Rock 10.5 miles below the dam and 6 miles downstream of the confluence with the mainstem Mckenzie. This data complements that collected by the USGS using a YSI monitor at the gage station 0.6 miles downstream of the dam. The USGS measured temperature, pH, turbidity, specific conductance, dissolved oxygen, and percent dissolved oxygen saturation with the YSI monitor as well as the data collected by the gage equipment – discharge, turbidity, DO, % DO saturation, and temperature. Both the USFS and USGS data are shown in Table A.

To assess whether the turbid water from drawdown contained contaminants associated with sediment, the Corps contracted with the USFS to collects samples for analysis. The locations of the sampling sites are shown in Figure 1 and site descriptions in the Table below. During drawdown of the reservoir to construction pool elevation, the USFS collected water grab samples for chemical analysis from the South Fork at the gage sites above and below the reservoir (1 and 4 samples respectively), and in the mainstem McKenzie at Hayden Bridge (3 samples). The samples were collected on three dates – May 15, June 3, and June 17, 2002. These were sent off to Severn Trent Laboratories (STL) for analysis of contaminants including 17 metals, 18 polynuclear aromatic hydrocarbons (PAHs), 26 organophosphorus pesticides, 12 chlorinated herbicides, 20 organochlorine pesticides, 5 anions, total organic carbon (TOC), biological oxygen demand (BOD), color, conductivity, cyanide, fecal coliforms, hardness, total dissolved solids (TDS), and turbidity (Table B).

To assess the physical nature of the turbid water and the potential for siltation downstream of the dam, the Corps asked the USFS to collect water samples at the above sites for analysis of Total Suspended Solids (TSS) and grain size distribution. Analyses of the samples were carried out by the USGS Volcano Observatory Lab in Vancouver, Washington. Samples were collected according to the schedule below:

Sample #	Site Description	Date/time	Turbidity
CUGRUS	gage 14159200 US of res	5/15/02 1400	0.5
CUGRDS1	gage 14159500 DS of dam	4/24/02 0745	32.0
CUGRDS1d	gage 14159500 DS of dam	4/24/02 0925	31.8
CUGRDS2	gage 14159500 DS of dam	5/2/02 1500	95.8
CUGRDS3	gage 14159500 DS of dam	5/15/02 1510	86.0
CUGRDS4	gage 14159500 DS of dam	6/3/02 0825	42.0
CUGRHB	M. R. at Hayden Br	5/15/02 1745	-
CUGRHB2	M. R. at Hayden Br	6/3/02 0645	-

Figure 1.

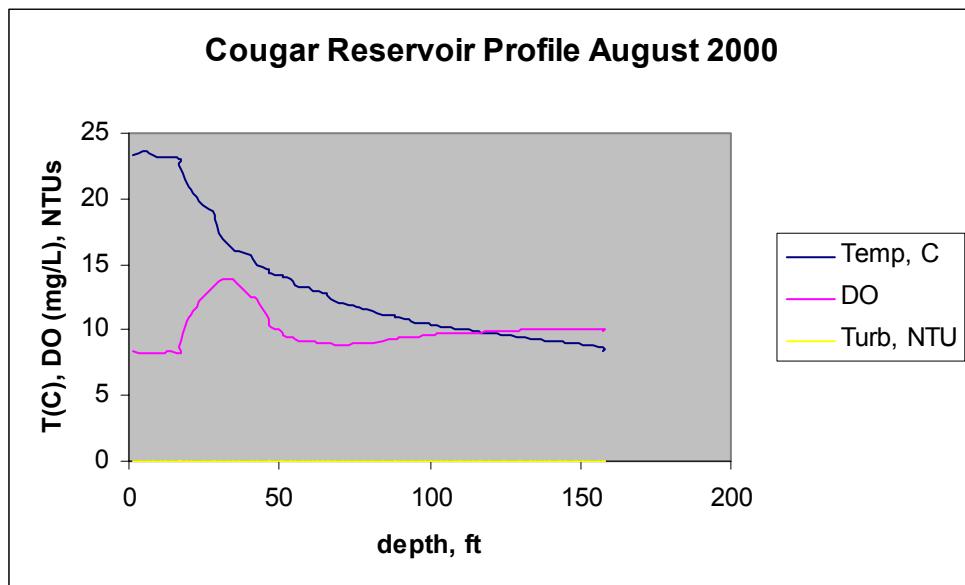


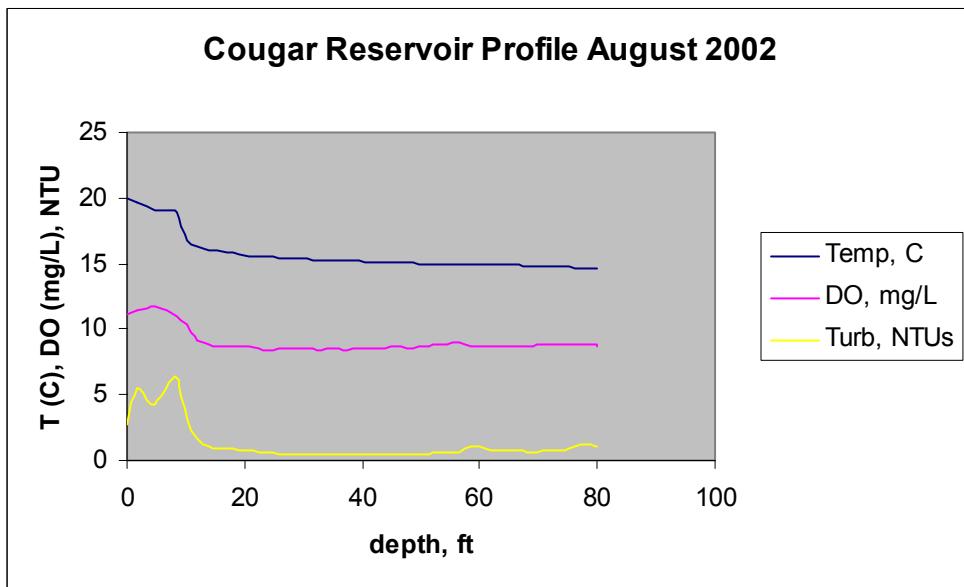
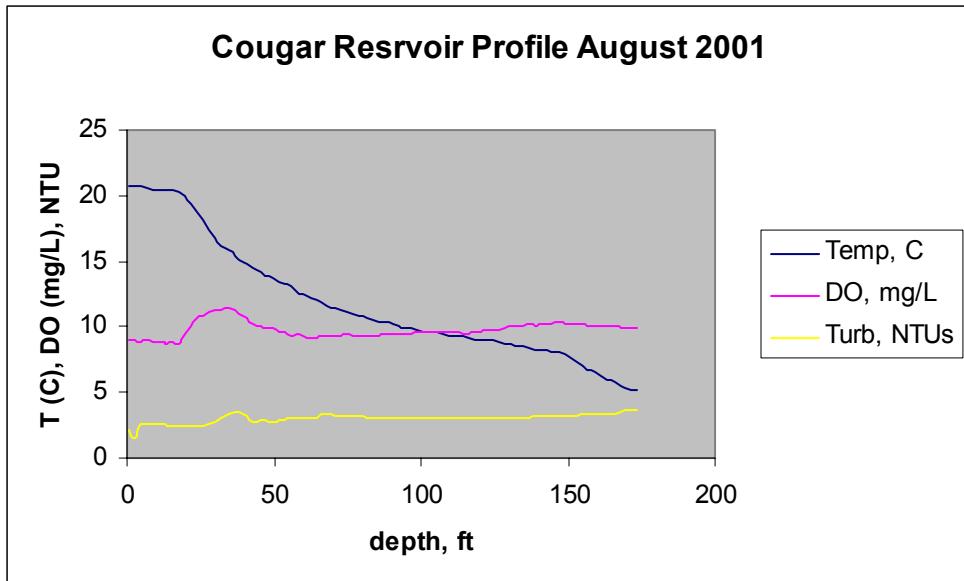
During August an algae bloom developed in the reservoir. This is an annual event but because of the smaller size of the pool and the visual appearance of the bloom the Corps had the USFS collect water samples for species identification and cell density determinations. These analyses were performed by Mr. Jim Sweet of Aquatic Analysts.

Summary of water quality Monitoring results.

Pre-drawdown water quality. The monitoring data from year 2001 and 2002, before construction began, showed that water quality in the reservoir and in the South Fork above and below the reservoir is excellent . At the upstream site, water temperatures did not exceed 60 degrees F and turbidity was usually less than 5 NTUs with a spike up to 119 and 324 NTUs during a storm events. At the below dam site water temperatures never exceeded 60 degrees, turbidity rarely exceeded 50 NTUs and usually was below 10 NTUs, and daily minimum oxygen ranged between 7.4 and 11.6 mg/L. In the reservoir in August, during the warmest period in the reservoir, oxygen ranged from 8 to 15 mg/L, temperatures varied from 73 degrees F at the surface to 47 at the withdrawal outlet (see Figures 2-4 below). These data support conclusions from earlier studies that indicate that Cougar Reservoir is somewhere between mesotrophic and oligotrophic and that the South Fork McKenzie river has excellent water quality (USACE, 1996, 2000 and Atlas of Oregon Lakes, 1985).

FIGURES 2-4

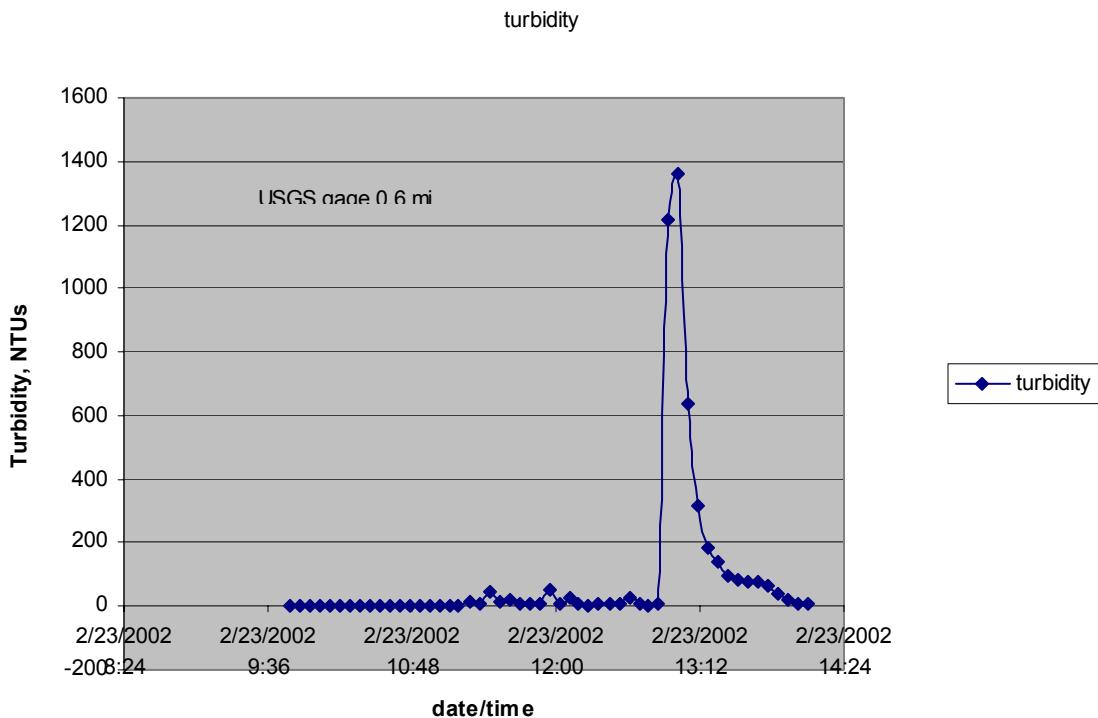




Tunnel tap water quality. During the tunnel tap of February 23 data was collected at the gage (USGS #14159500) downstream of the dam and by the USFS sites on the South Fork below the dam and at Forest Glenn and Finn Rock in the mainstem McKenzie (Table A).

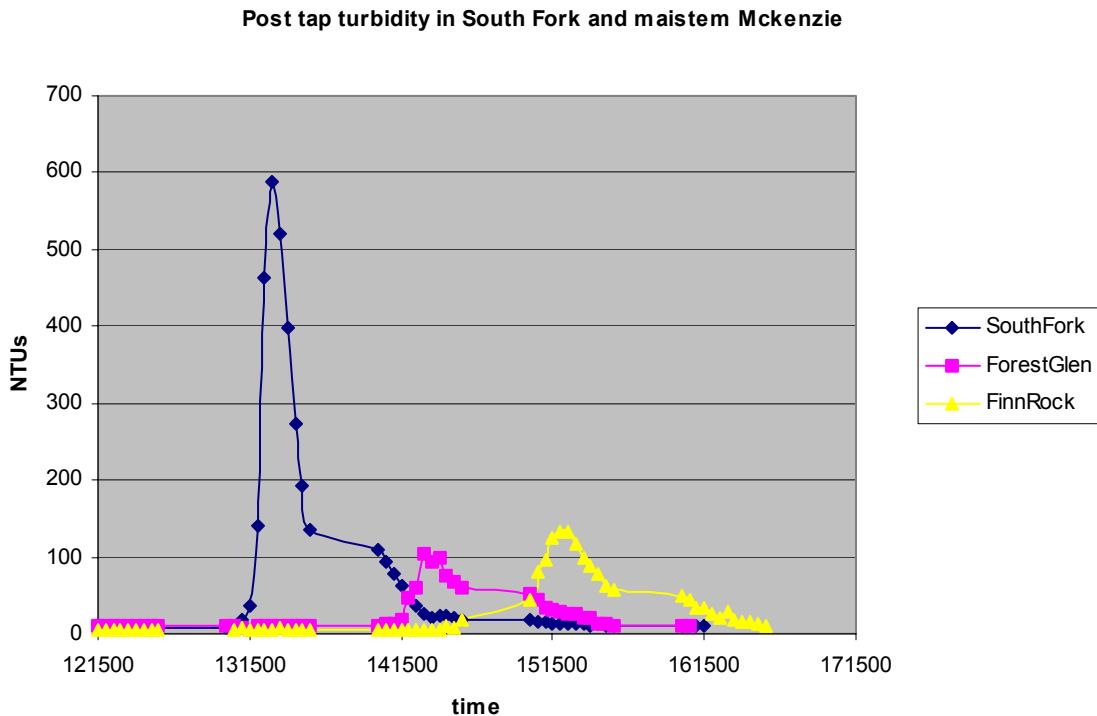
Figure 5 below shows the peak turbidity achieved immediately downstream of the dam – about 1358 NTUs. Within an hour turbidity was back to that observed before the tunnel tap, around 8 NTUs.

Figure 5.



The peak turbidity at the bridge below the dam was 588 NTUs, 104 NTUs at Forest Glen, and 133 NTUs at FinnRock (Figure 6 below). It took the turbidity plume about 3 hours to travel 10.5 miles. The reason turbidity at Forest Glen was lower than Finn Rock was because the turbidity plume hugged the south shore of the mainstem Mckenzie and was not fully mixed by the time water reached Forest Glen.

Figure 6.



The effect of the tunnel tap on other water quality parameters was slight. For instance, pH increased from 7.2 to 8.5, specific conductance from 36 to 52, while dissolved oxygen dropped from 13.2 to 12.8 mg/l and percent dissolved oxygen saturation from 108.5 to 104.3. All parameters were back to pre-tunnel tap values within an hour.

Drawdown water quality

Turbidity. Because of tunnel construction delays, drawdown of the pool was delayed and began on April 1st continuing to May 26th of 2002. The results of turbidity monitoring below the dam at the gage station are shown in the Figure 7 below. At the gage downstream of the dam turbidity ranged from 1 to 379 NTUs. Median turbidity levels were 98 NTUs with the high of 379 NTUs occurring on the 28th of April.

A factor that exacerbated the turbidity coming out of the dam was a storm event in the watershed above the project that caused inflows to increase up to 5,800 cfs on the 14th of April (Figure 8). This inflowing water was highly turbid and ran up to 327 NTUs at 05:00 AM. At this time turbidity below the dam was 48.4 NTUs. Beginning mid morning of the 14th turbidity started to rise below the dam. At about 23:00 hours of the 14th turbidity increased to 135 NTUs. There was an 18 hour spread between the peak turbidity at the gage upstream of the reservoir and the peak turbidity downstream of the reservoir. After that, turbidity below the dam gradually dropped to around 30 NTUs eleven days later on the 25th of April. If no dam had been in place, we could have expected turbity levels to have achieved 300 plus NTUs in the mainstem Mckenzie where

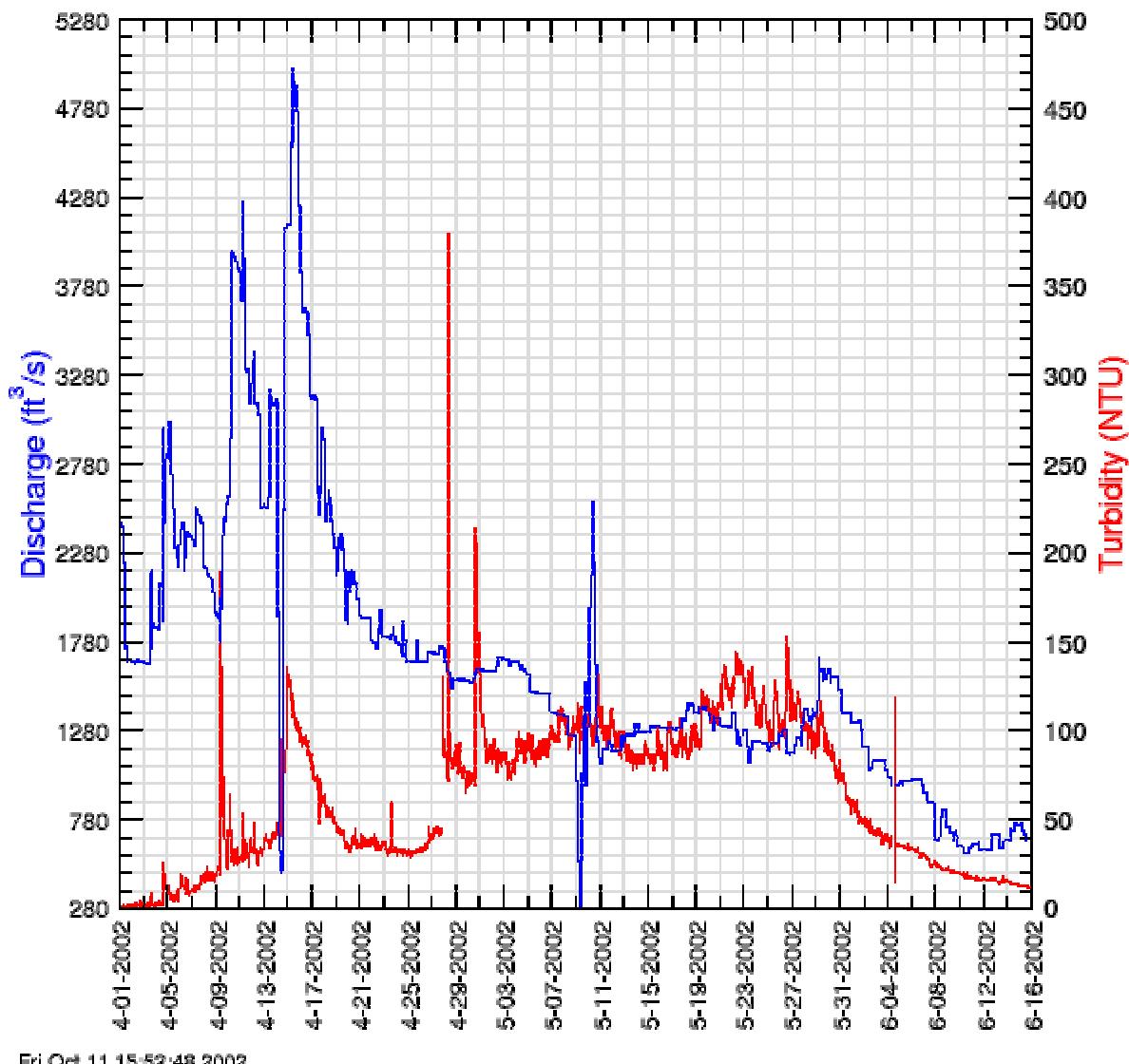
the South Fork enters it. Over the last 40 years one of the impacts of the dam has been to dampen these springtime (or any other) turbidity events that occurred. Likely, the turbidity from these events cleared fairly quickly from the system, whereas, with the dam in place, turbidity is damped and spread over a longer time period.

Beginning around the 28th of April turbidity below the project began to rise again as the lowering of the pool, following the earlier storm event, caused inflows to continue eroding the sediment wedge in the upper end of the reservoir (Figure 7). From the 28th of May on, when construction pool elevation of 1400 feet was reached, turbidity declined rapidly as inflowing water diluted the turbidity in the reservoir.

Figure 7.

South Fork McKenzie River nr Rainbow, OR (14159500)

Data from U.S. Geological Survey

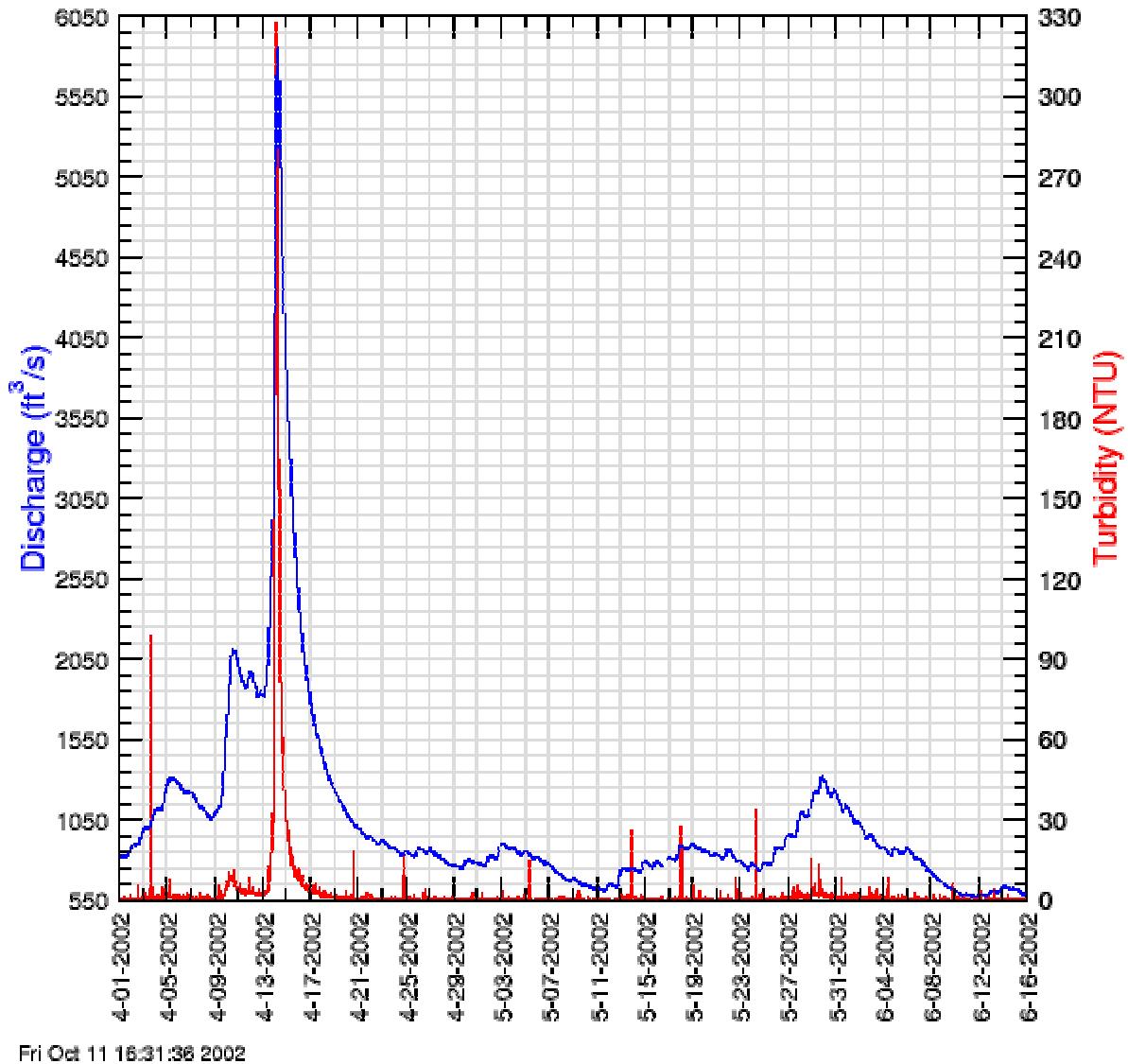


Fri Oct 11 15:52:48 2002

Figure 8.

SF McKenzie R. ab Cougar Lake nr Rainbow, OR (14159200)

Data from U.S. Geological Survey



Fri Oct 11 16:31:36 2002

For the duration of drawdown high turbidity was observed in the South Fork below the dam and in the mainstem Mckenzie at least as far as Hayden Bridge near Springfield. This prolonged turbidity raised questions regarding impacts to the environment. For instance, did the turbid water contain contaminants, such as DDT, since there was evidence of DDT in reservoir sediment, that could be exported from the reservoir? Was there an increase in sediment deposition downstream that was detrimental to aquatic life

including fish habitat? Later in this appendix additional studies are proposed that will help provide information to address these impacts.

The Corps had addressed turbidity in the Cougar Feasibility Report and EIS, which stated that turbidity levels in outflows could exceed 100 NTUs (Corps, 1995, FR p90 and A-39 and EIS pg 3-13, 4-16) and by inference 200 to 600 NTUs (FR, p89, 4th par and p90 2nd par.) and that turbidity would be an “unavoidable adverse impact” (EIS, p4-47). It was estimated that the turbidity would not impact the mainstem Mckenzie because the mainstem would dilute turbid waters (EIS, p4-17). This is in fact what happened during drawdown. The South Fork Mckenzie contributes, roughly, 20 % of the mainstem McKenzie flow. Thus, the average turbidity downstream was diluted from about 100 NTUs below the dam to 11 NTUs at Hayden Bridge (EWEB, personal communication) 49 miles downstream.

In the EIS the estimated impact to the mainstem was based on drawdown occurring in late winter, when naturally high turbidity would normally occur because of storm events. Unfortunately, because of construction delays, drawdown did not occur until spring, which impacted the fishing industry along the river and raised questions regarding effects on fish habitat and potential export of contaminants in turbid water.

Predicting turbidity levels during 2003 drawdown will be difficult because the situation will be different. In 2002 the starting elevation of drawdown was 1532' while in 2003 it will be 1400' elevation. So, in 2002, there was a greater volume of water to dilute the suspended sediment that caused turbidity. On the other hand in 2003 there will be less of a sediment wedge in the upper end of the reservoir to erode. During the 2002 drawdown maximum turbidity reached 379 NTUs but the median turbidity was about 83.9 NTUs. The turbidity was less than 100 NTUs 76 percent of the time.

What can we expect for the drawdown of 2003? There are two experiences that may bracket what to expect. The first involves the Corps' experience with the drawdown of Fall Creek Reservoir in 1989. As Fall Creek was drained sheet movement of water across the exposed sediment wedges and downcutting of the old channel bed increased turbidity. As the lake approached its bottom turbidity was about 100 NTUs. When the original channel was reclaimed turbidity went up over 600 NTUs. It's not unreasonable to assume similar processes to occur at the upper end of Cougar Reservoir during times when the reservoir will increase in elevation from winter storm runoff then decrease in elevation as water is removed in order to maintain the 1400' elevation goal. The first time this “bath tub filling then partially draining” scenario is played out, the reservoir will have a volume of water in which the turbid water from the upper end will be diluted. But, if the reservoir is already turbid and another episode of filling occurs, the situation may get worse in terms of turbidity. Unlike the Fall Creek situation turbidity in outflow waters should be much less than 600 NTUs because of dilution by reservoir water. It's possible that a density flow of cold, turbid water could short circuit through the reservoir and pass through the tunnel. In that case turbidity might be higher but not for a sustained period. The second experience involves the 2002 drawdown at Cougar. Peak turbidity was 379 with a median of 83.9 NTUs. Probably, turbidity will be similar to what we

observed in 2002 but it could go higher because the dilution of turbidity in the reservoir will be impacted by the starting reservoir elevations. In 2002 the starting elevation was 1532' which provides more dilution volume than the starting elevation of 2003 (1400'). However, there are a couple of factors that could contribute to less turbidity in 2003. First, the 2002 drawdown has already moved some sediment from the upper end of the reservoir to the lower end where it won't be exposed to erosion. Second, the old channel of the South Fork has re-established and armored itself, which should cut down on bank undercutting except at high inflows. So, considering all these factors, it seems reasonable to conclude that turbidity during drawdown of winter of 2003 will be similar to 2002, possibly higher, but probably not exceeding the 600 NTUs experienced at Fall Creek.

The impact of springtime storm events on turbidity will follow a similar pattern to winter storm events. In the Spring of 2003 it is proposed that reservoir elevation be held as close to 1400' as possible. The impact of this operation on turbidity during late spring storm events will depend on pool elevation and the turbidity of incoming water. If the pool is at 1400' turbidity will increase during a storm event because, as the reservoir is drained of stormwater to get back down to 1400 foot elevation, erosion of the upper sediment wedge will contribute to turbidity. The volume of the lake will help dilute and reduce this turbidity. The proposed 6' per day drawdown rate in 2003 will clear the reservoir of turbid water faster than the 3' per day drawdown rate of 2002.

Conventionals. During drawdown median DO in the South Fork McKenzie was 11.33 mg/L and median %DO saturation was 98.8 %. Neither violated state standards. Maximum temperature achieved was 49.6 degrees F.

The figure below presents the data collected by the USFS during August of 2000, 2001, and 2002 for comparison of pre-drawdown reservoir conditions to that of the construction pool post-drawdown.

Contaminants. As stated earlier, samples were taken of the water coming into the reservoir and of the turbid drawdown water for analysis of metals, PAHs, organophosphorus pesticides, chlorinated herbicides, organochlorine pesticides, conventionals, Total Suspended Solids (TSS), and grain size distribution (see Table B). No contaminants were detected above established DEQ or EPA concern levels in any sample. The Table below summarizes results of pesticides analysis. In one drawdown sample, CUGRDS1, taken at the gage below the dam when turbidity was 86 NTUs, 0.454 ug/L of diazinon and 0.155 ug/L of malathion were detected but not in a duplicate sample from the same site. A trace of DDT was detected in this sample at 0.000599 ug/L, which was also not confirmed in the duplicate sample. This is below the EPA freshwater acute (1.1 ug/L) and chronic (0.001 ug/L) water quality criteria for DDT. The organochlorinated pesticide beta-BHC was detected at 0.000562 ug/L in a sample taken of inflow water to the reservoir. This was also well below the acute water quality criterium of 100 ug/L for BHC. It appears from this limited data set that contaminants, in the form of metals and organics, such as DDT, were not exported from the reservoir

during drawdown. During periods of high turbidity in the future drawdown of 2003, an expanded effort will be made to determine if DDT is exported from the reservoir.

Concentrations of pesticides in water samples taken above and below Cougar Reservoir during drawdown.

Site	date	turbidity# (ntu)	diazonon	malation ug/L	DDT	beta-BHC	others*
				ug/L	ug/L	ug/L	ug/L
S.F.upstream of reservoir							
CUGRUS	5/15/2002	0.5	-	-	0.000562	-	-
S.F.downstream of dam (about 1 kilometer)							
CUGRDS1	5/15/2002	86.4	0.454	0.155	-	0.000599	-
CUGRDS2 dup	5/15/2002	86.2	-	-	-	-	-
CUGRDS4	6/3/2002	42.2	-	-	-	-	-
CUGRDS5	6/17/2002	26.2	-	-	-	-	-
M.R.at Hayden Bridge Springfield							
CUGRHB	5/15/2002	11.4	-	-	-	-	-
CUGRHB2	6/3/2002	6	-	-	-	-	-
CUGRHB3	6/17/2002	2.2	-	-	-	-	-

turbidity taken from contemporaneous USGS and EWEB readings in river at time of sampling

* others: 24 organophosphorus pesticides, 12 chlorinated herbicides, 18 organochlorine pesticides

- a dash means not detected, method detection limits varied as follows:

organophosphorus pesticides	0.00263 to 0.164	ug/L
chlorinated herbicides	0.0068 to 0.0356	ug/L
organochlorine pesticides	0.000109 to 0.0119	ug/L

Sediment characteristics. Despite the appearance of turbid water coming from the reservoir during drawdown, there was little evidence of extensive sediment transport out of the reservoir. The table below shows characteristics of sediment in drawdown water samples. Sediment in the drawdown samples was very fine-grained and of low concentration (21 to 60 mg/L). Ninety nine percent of the material in the water, was finer than the 62 micron grain size that separates silt from sand. Most of the sediment in the water was in the clay sized fraction (<4.0 microns). It was difficult to get enough sediment out of a sample for grain size distribution analysis. A sample taken on the 15th of May, 2002 at the gage downstream from the dam, when turbidity was at 86 NTUs,

revealed that 98 % of the sediment was smaller than 62 microns and 74 % of that was in the clay size – 4 microns or smaller (31 % was smaller than 1 micron).

Grain size characteristics of sediment in drawdown outflow water samples taken below Cougar dam and at Hayden Bridge in the mainstem McKenzie

sample location	date	time	gage NTU	mg/L	sediment			% finer than 62 microns
					total	sand mg/L	fines	
USGS gage above reservoir (CUGRUS)								
	5/15/2002	14:00	0.5	1.0	1.0	0.4	0.6	59
USGS gage below reservoir (CUGRDS)								
	4/24/2002	7:45	32.0	60.0	60.4	0.6	59.9	99
	4/24/2002	9:25	31.8	21.0	21.1	0.4	20.7	98
	5/8/2002	15:00	96.8	85.0	85.3	2.2	83.0	97
	5/15/2002	15:10	86.4	39.0	38.6	0.5	38.0	99
	6/3/2002	8:25	42.2	26.0	25.8	0.2	25.6	99
Hayden Bridge (CUGRHB)								
	5/15/2002	17:45	11.4	12.0	11.7	0.1	11.7	100
	6/3/2002	6:45	6.0	8.0	8.1	0.7	7.4	92

Phytoplankton. Typically, a bloom of blue-green algae occurs in Cougar Reservoir in August. This again happened in August of 2002. A total of 18 species were identified in the algae bloom. The bloom was dominated by the blue-green species *Anabaena flos-aquae* and *Anabaena circinalis*. Cell densities for *flos-aquae* varied from 9,160 cells/ml on August 7th to 139,066 cells/ml on August 19th (Table C).

Future Water Quality Monitoring. The USGS and USFS water quality monitoring plan described earlier in the Appendix will be followed in 2003 and 2004. Additionally, because of concerns about possible export of sediment and DDT from the project that might impact downstream habitat and water quality, the Corps will contract with the USGS to perform additional monitoring . The details are not worked out yet, but briefly, the plan is to establish suspended sediment-turbidity relationships in the South Fork Mckenzie above and below the project, in the mainstem McKenzie above where the South Fork enters, in the mainstem McKenzie at Vida, and in the Blue River below Blue

River Reservoir. The aim is to use the relationships predict, from turbidity measurements, suspended sediment export. Another plan is to measure DDT in water coming into the reservoir, leaving the reservoir, and in the mainstem Mckenzie above where the South Fork enters during storm event-high turbidity conditions to assess whether DDT is being exported from the reservoir. Finally, sediment traps may be set out to try to predict how much sediment is being deposited downstream of Cougar Reservoir in the South Fork and mainstem McKenzie River.

Conclusions. Water quality was monitored above and below the reservoir and in the reservoir prior to, during, and after the tunnel tap and drawdown. Water quality in the South Fork and reservoir prior to the beginning of construction was very good. Construction activities and drawdown impacted water quality by increasing turbidity to high levels (median 98 NTUs) below the dam. The turbid water below the project and in the mainstem McKenzie during April through May was unusual for this time of year, at least for the last 40 years since the project was built, and was aesthetically displeasing. Oxygen, temperature, pH and conductivity levels were within normal limits. Particles in the water contributing to the turbidity were mostly clay-sized that remain in suspension for a long time. There was probably little settling out of this material. Other water quality parameters of concern, such as metals and pesticides, were below established concern levels. The high downstream turbidity and detection of DDT is exposed reservoir sediment raised questions regarding the potential for export of sediment and DDT downstream of the project. Future studies will address these concerns.

Starting in November of 2002 the plan is to hold the reservoir at 1400' feet elevation as much as possible. This is a different scenario than occurred during the Spring of 2002 drawdown when the starting elevation was 1532' and the reservoir was drawn down to 1400'. As winter storms bring increased flows into the reservoir it may be impossible to hold the reservoir at 1400'. Then, the reservoir will fill to some unknown elevation depending on conditions and would undergo a drawdown to 1400' elevation as storm water is released from the project. This could happen several times depending on the weather. Based on Corps experience at Fall Creek reservoir, we can expect up to 600 NTUs of turbidity to occur in the upper end of the reservoir where active cutting through new deposits, undercutting of the channel side slopes, or new channel formation occurs. Because of dilution by the volume of the reservoir turbidity will be much less – probably similar to that experienced in 2002. If a density current carries this turbidity to the tunnel outlet, we could see turbidity levels this higher than experienced in 2002, but probably not as high as 600 NTUs. In 2003 high turbidity will occur during the winter when storm events naturally increase turbidity in the McKenzie basin, not in the spring, except during unusual storm events, as occurred in 2002.

Ongoing water quality monitoring will be continued at the gage sites above and below the project and in the reservoir. This monitoring was detailed earlier in this Appendix. Because of concerns regarding impacts sediment transport out of the reservoir and the potential for export of DDT, additional water quality monitoring is proposed for 2003 that will provide information about outflow turbidity-suspended sediments relationships, deposition of sediment downstream, and export of DDT downstream. It is proposed that

suspended sediments and DDT in a range turbid waters be measured and that sediment traps be set out to observe the extent to which settling of sediment occurs at downstream locations.

WATER QUALITY APPENDIX

TABLES

- A. USGS, USFS tunnel tap water quality data.**
- B. Contaminants data from water samples taken below the dam during drawdown in 2002.**
- C . Phytoplankton data from algae bloom in summer 2002.**

TABLE A

USGS tunnel tap data

Gage 14159500

SF Mckenzie River

near Rainbow

Cougar Tunnel Tap

on 2-2

Mar-02at 12

45

YSI data

Date	Time	Temp	SpCond	DOsat	DO	pH	Turbid
m/d/y	hh:mm:ss	C	uS/cm	%	mg/L		NTU
2/23/2002	9:47	5.08	39	97.8	12.47	7.48	2.6
2/23/2002	9:52	5.08	39	97.9	12.48	7.49	2.6
2/23/2002	9:57	5.08	40	97.8	12.47	7.5	3.3
2/23/2002	10:02	5.08	40	97.8	12.46	7.49	1.8
2/23/2002	10:07	5.08	40	98	12.49	7.5	2.1
2/23/2002	10:12	5.1	40	97.9	12.47	7.49	1.8
2/23/2002	10:17	5.1	40	98.2	12.51	7.5	2.1
2/23/2002	10:22	5.09	40	97.9	12.47	7.49	1.8
2/23/2002	10:27	5.1	40	97.9	12.47	7.49	1.8
2/23/2002	10:32	5.08	40	98.1	12.5	7.5	2
2/23/2002	10:37	5.07	40	97.9	12.48	7.5	2.1
2/23/2002	10:42	5.08	40	97.8	12.47	7.5	2.2
2/23/2002	10:47	5.09	40	98	12.49	7.5	2.3
2/23/2002	10:52	5.09	40	97.9	12.48	7.48	1.7
2/23/2002	10:57	5.08	40	98.1	12.5	7.49	2
2/23/2002	11:02	5.07	40	98	12.49	7.49	1.8
2/23/2002	11:07	5.07	40	98	12.49	7.49	2
2/23/2002	11:10	5.14	40	101.7	12.95	7.5	1.8
2/23/2002	11:17	5.25	40	109.8	13.93	7.53	13.4
2/23/2002	11:22	5.25	39	109.1	13.84	7.54	6
2/23/2002	11:27	5.22	39	108.5	13.77	7.53	48.2
2/23/2002	11:32	5.19	39	108.7	13.81	7.53	16.6
2/23/2002	11:37	5.24	39	109.1	13.85	7.55	18.8
2/23/2002	11:42	5.24	39	108.7	13.8	7.55	8.2
2/23/2002	11:47	5.25	39	110	13.95	7.53	10.8
2/23/2002	11:52	5.23	39	109.1	13.85	7.53	6
2/23/2002	11:57	5.25	39	108.9	13.81	7.55	52.6
2/23/2002	12:02	5.25	39	109	13.83	7.55	7.1
2/23/2002	12:07	5.23	39	109.4	13.89	7.54	24.8
2/23/2002	12:10	5.22	39	108.7	13.8	7.54	5.1
2/23/2002	12:15	5.23	39	109	13.84	7.54	3.1
2/23/2002	12:20	5.23	39	109.4	13.89	7.54	6.4
2/23/2002	12:27	5.25	39	108.1	13.71	7.54	5
2/23/2002	12:32	5.26	39	109.2	13.85	7.54	7.6
2/23/2002	12:37	5.2	39	109.2	13.88	7.53	27.4
2/23/2002	12:42	5.22	39	109.3	13.88	7.54	7.4

2/23/2002 12:45	5.23	39	108.7	13.8	7.54	2.5
2/23/2002 12:50	5.25	39	109.3	13.87	7.55	8.3
2/23/2002 12:55	5.27	72	100.8	12.79	9.42	1214.9
2/23/2002 13:00	4.82	65	97.7	12.54	8.94	1358.1
2/23/2002 13:05	4.62	54	99.1	12.78	8.3	635.1
2/23/2002 13:10	4.55	49	99.5	12.85	7.83	315.7
2/23/2002 13:15	4.52	46	100.1	12.94	7.63	186.7
2/23/2002 13:20	4.51	45	100.5	13	7.54	142.3
2/23/2002 13:25	4.49	44	100.9	13.06	7.5	96.6
2/23/2002 13:30	4.47	44	100.9	13.07	7.46	83.5
2/23/2002 13:35	4.47	44	100.9	13.07	7.44	74.4
2/23/2002 13:40	4.46	44	101	13.08	7.43	75.4
2/23/2002 13:45	4.48	44	101.3	13.11	7.42	64.5
2/23/2002 13:50	4.64	43	103.2	13.3	7.42	41.8
2/23/2002 13:55	4.92	40	107.7	13.79	7.48	17.9
2/23/2002 14:00	5.05	39	110.2	14.06	7.48	8.6
2/23/2002 14:05	5.1	39	109.7	13.97	7.5	7.8

Log File Name : SouthFork USFS data

Comments: Probe in low velocity water along East shore, depth 1.6 feet.

Date MMDDYY	Time HHMMSS	Dep100 feet	Temp øC	DO% Sat	DO mg/l	Turb NTUs	pH Units	SpCond uS/cm
22302	91500	1.6	5.04	104.8	12.73	8.2	7.08	35.4
22302	92000	1.6	5.05	105.2	12.77	7.8	7.08	35.4
22302	92500	1.6	5.05	104.7	12.72	7.9	7.11	35.4
22302	93000	1.6	5.05	105.1	12.77	8	7.11	35.4
22302	93500	1.6	5.08	104.7	12.71	8.2	7.14	35.4
22302	94000	1.6	5.06	104.6	12.7	8.2	7.15	35.4
22302	94500	1.6	5.06	104.5	12.69	8.4	7.16	35.4
22302	95000	1.6	5.07	106.1	12.87	8.5	7.15	35.4
22302	95500	1.6	5.08	104.6	12.69	8.4	7.16	35.3
22302	100000	1.6	5.08	106	12.86	8.6	7.17	35.3
22302	100500	1.6	5.1	106.3	12.89	8.4	7.17	35.3
22302	101000	1.6	5.11	106.5	12.92	8.4	7.18	35.4
22302	101500	1.6	5.12	106.6	12.92	8.4	7.19	35.5
22302	102000	1.6	5.12	106.7	12.94	8.5	7.19	35.5
22302	102500	1.6	5.12	107.1	12.98	8.5	7.19	35.5
22302	103000	1.6	5.12	107.1	12.99	8.6	7.2	35.5
22302	103500	1.6	5.12	106.7	12.94	8.5	7.2	35.5
22302	104000	1.6	5.12	106.8	12.95	8.4	7.19	35.5
22302	104500	1.6	5.1	106.7	12.94	8.3	7.19	35.5
22302	105000	1.6	5.11	107.1	12.98	8.5	7.21	35.5
22302	105500	1.6	5.1	106.7	12.93	8.6	7.2	35.5
22302	110000	1.6	5.1	106.7	12.94	8.5	7.2	35.6
22302	110500	1.6	5.11	106.8	12.95	8.4	7.18	35.5
22302	111000	1.6	5.1	106.8	12.95	8.6	7.2	35.6
22302	111500	1.6	5.14	106.6	12.92	8.4	7.2	35.6
22302	112000	1.6	5.12	106.5	12.91	8.5	7.21	35.6

22302	112500	1.6	5.13	106.6	12.92	8.5	7.21	35.6
22302	113000	1.6	5.12	106.7	12.93	8.5	7.22	35.7
22302	113500	1.6	5.14	106.7	12.92	8.2	7.21	35.6
22302	114000	1.6	5.15	107.2	12.99	8.8	7.2	35.7
22302	114500	1.6	5.17	108.2	13.1	8.7	7.22	35.7
22302	115000	1.6	5.18	108.3	13.11	8.8	7.22	35.6
22302	115500	1.6	5.17	108.5	13.14	8.8	7.22	35.5
22302	120000	1.6	5.17	108.6	13.14	9	7.22	35.5
22302	120500	1.6	5.17	108.5	13.14	9.1	7.22	35.5
22302	121000	1.6	5.17	108.7	13.15	8.9	7.21	35.5
22302	121500	1.6	5.18	108.5	13.14	8.7	7.22	35.4
22302	122000	1.6	5.18	108.3	13.11	8.7	7.21	35.5
22302	122500	1.6	5.18	108.4	13.12	8.9	7.22	35.5
22302	123000	1.6	5.19	108.5	13.13	8.7	7.21	35.6
22302	123500	1.6	5.19	108.5	13.13	8.3	7.22	35.6
22302	124000	1.6	5.2	108.4	13.12	8.5	7.2	35.7
22302	124500	1.6	5.22	108.6	13.13	8.8	7.21	35.7
22302	125000	1.6	5.2	108.7	13.15	8.9	7.23	35.7
22302	125500	1.6	5.22	108.4	13.11	8.6	7.22	35.7
22302	130000	2	5.21	108.7	13.15	8.8	7.22	35.7
22302	130500	2	5.18	109.3	13.23	9.1	7.22	35.6
22302	131000	2.6	5.21	109.5	13.24	17.8	7.22	35.5
22302	131500	2.6	5.21	108.6	13.14	35.6	7.38	36.5
22302	132000	2.3	5.22	107.5	13.01	141	8.07	41.1
22302	132500	2	5.16	106	12.84	463	8.57	49.4
22302	133000	2	5.07	105.1	12.75	588	8.54	52.2
22302	133500	2	4.9	104.4	12.73	521	8.29	51.1
22302	134000	2	4.78	104.3	12.75	399	7.96	48.7
22302	134500	2	4.65	104.2	12.79	274	7.65	46.2
22302	135000	2	4.58	104.3	12.82	192	7.49	43.9
22302	135500	2	4.51	104.4	12.86	136	7.4	42.6
22302	140000	2	4.49	104.9	12.93	108	7.36	41.7
22302	140500	2	4.46	104.7	12.92	92.6	7.32	41
22302	141000	1.6	4.51	104.4	12.85	78.9	7.31	40.3
22302	141500	1.6	4.62	104.9	12.89	62	7.28	39.4
22302	142000	1.6	4.73	105	12.86	46.8	7.27	38.5
22302	142500	1.6	4.84	106.1	12.96	36	7.25	37.4
22302	143000	1.6	4.92	106.8	13.01	26.3	7.23	36.4
22302	143500	1.6	4.97	107.1	13.03	22	7.24	36
22302	144000	1.6	4.99	106.7	12.98	23.1	7.24	36.4
22302	144500	1.6	5.01	106.1	12.9	24.2	7.26	36.6
22302	145000	1.6	5.07	106	12.87	21.5	7.27	36.6
22302	145500	1.6	5.1	106	12.86	19	7.28	36.6
22302	150000	1.6	5.13	105.7	12.81	17.1	7.29	36.6
22302	150500	1.6	5.13	105.5	12.78	15.8	7.3	36.5
22302	151000	1.6	5.15	105.4	12.76	14.4	7.28	36.5
22302	151500	1.6	5.14	105.4	12.77	13.4	7.26	36.5
22302	152000	2	5.12	104.9	12.72	13.1	7.25	36.5
22302	152500	1.6	5.11	105.9	12.84	12.9	7.24	36.5
22302	153000	1.6	5.1	105	12.74	12.3	7.24	36.5

22302	153500	1.6	5.07	105.2	12.77	12	7.25	36.6
22302	154000	1.6	5.06	105	12.75	11.6	7.24	36.5
22302	154500	2	5.06	105.2	12.77	11.8	7.24	36.5
22302	155000	1.6	5.06	105.7	12.84	11.6	7.24	36.4
22302	155500	1.6	5.05	105.3	12.78	11.2	7.23	36.4
22302	160000	1.6	5.03	105.2	12.78	11.4	7.24	36.4
22302	160500	1.6	5.04	104.9	12.74	11.5	7.23	36.3
22302	161000	2	5.04	105	12.76	11.1	7.22	36.4
22302	161500	1.6	5.04	105	12.75	11.2	7.21	36.3
22302	162000							
22302	162500							
22302	163000							
22302	163500							
22302	164000							
22302	164500							
22302	165000							
22302	165500							

Recovery finished at 022302 164231

Recovery finished at 022302 164659

Log File Name : ForestGlen USFS data

Comments: Probe in low velocity water along North shore, depth 0.7 feet.

Time HHMMSS	Temp øC	DO% Sat	DO mg/l	Turb NTUs	pH Units	SpCond uS/cm
91500						
92000						
92500						
93000						
93500						
94000						
94500						
95000						
95500						
100000						
100500						
101000						
101500	5.46	94.2	11.89	10.9	6.34	37.7
102000	5.47	91.3	11.51	12.6	6.57	37.7
102500	5.48	90	11.35	12.3	6.67	37.8
103000	5.49	90.3	11.39	10.7	6.76	37.7
103500	5.49	90.1	11.36	10.9	6.83	37.7
104000	5.5	89	11.22	10.8	6.87	37.7
104500	5.51	89.5	11.28	10.2	6.9	37.7
105000	5.51	89.7	11.3	10.4	6.94	37.7
105500	5.51	89.5	11.27	10.7	6.98	37.7
110000	5.52	88.8	11.19	11	6.97	37.6
110500	5.53	90.1	11.34	10.6	7.03	37.6
111000	5.53	89.8	11.3	9.2	7.05	37.6

111500	5.54	90	11.33	9.9	7.06	37.6
112000	5.55	90.3	11.37	11.7	7.09	37.5
112500	5.56	90.3	11.36	10.4	7.08	37.6
113000	5.57	89.2	11.22	10.5	7.11	37.6
113500	5.58	89.4	11.25	10.2	7.09	37.6
114000	5.58	89.3	11.26	10.6	7.13	37.6
114500	5.58	88.9	11.18	10.1	7.16	37.6
115000	5.59	89.3	11.22	9.6	7.17	37.6
115500	5.6	89.7	11.27	10.9	7.18	37.6
120000	5.6	89.6	11.27	9.9	7.18	37.5
120500	5.61	89.9	11.3	10.9	7.2	37.5
121000	5.62	89.6	11.26	8	7.19	37.5
121500	5.64	89.1	11.19	11.4	7.2	37.6
122000	5.66	89.1	11.18	10.5	7.22	37.5
122500	5.67	89.1	11.18	10	7.22	37.5
123000	5.69	89.7	11.24	10.4	7.21	37.6
123500	5.7	89.2	11.19	9.6	7.24	37.5
124000	5.69	89.7	11.24	10.6	7.24	37.5
124500	5.7	89.7	11.24	9.8	7.25	37.5
125000	5.71	89.7	11.25	10.5	7.25	37.5
125500	5.73	89.1	11.16	10.7	7.25	37.5
130000	5.75	90.3	11.3	10.4	7.26	37.5
130500	5.76	89.6	11.22	10.1	7.27	37.5
131000	5.79	89.8	11.24	6.7	7.26	37.5
131500	5.82	89.4	11.18	4.4	7.27	37.5
132000	5.82	89.6	11.2	10	7.26	37.5
132500	5.82	89.3	11.17	9.8	7.29	37.5
133000	5.82	89.9	11.24	10.1	7.28	37.5
133500	5.83	89.4	11.17	10.4	7.29	37.5
134000	5.83	90	11.25	10.1	7.28	37.5
134500	5.83	90	11.24	9.5	7.26	37.5
135000	5.82	90.4	11.3	9.9	7.29	37.5
135500	5.83	90.6	11.32	10.3	7.28	37.4
140000	5.82	90.8	11.34	11.2	7.26	37.5
140500	5.81	91	11.37	12.4	7.29	37.4
141000	5.81	90.5	11.32	12.1	7.31	37.4
141500	5.8	90.7	11.34	19.2	7.33	38
142000	5.8	89.7	11.22	46.6	7.38	39.6
142500	5.8	88.9	11.12	60.6	7.53	41.3
143000	5.79	88.4	11.06	104	7.65	42.6
143500	5.76	89.5	11.2	94	7.68	43.3
144000	5.73	88.9	11.13	99	7.66	43.2
144500	5.69	87.8	11.01	75.6	7.61	42.7
145000	5.65	89	11.17	67.1	7.57	41.9
145500	5.62	88	11.05	58.9	7.52	41.2
150000	5.62	88.4	11.1	51.8	7.49	40.8
150500	5.61	88.4	11.11	44	7.45	40.4
151000	5.61	88.5	11.12	35	7.43	40.2
151500	5.6	88.4	11.11	32	7.4	39.9
152000	5.62	88	11.05	27.4	7.42	39.6

152500	5.63	88	11.05	27	7.43	39.4
153000	5.66	88	11.05	24.9	7.41	39.1
153500	5.69	88.5	11.1	20.9	7.42	38.7
154000	5.71	89.1	11.17	20.8	7.39	38.5
154500	5.73	87.8	11	13	7.41	38.3
155000	5.75	87.6	10.97	13.4	7.4	38.1
155500	5.76	87.3	10.93	11.7	7.35	38.2
160000	5.77	87.7	10.97	11.3	7.34	38.2
160500	5.79	87.3	10.92	11.3	7.35	38.1
161000						
161500						
162000						
162500						
163000						
163500						
164000						
164500						
165000						
165500						

Log File Name : FinnRock USFS data

Comments: Probe in low velocity water along South shore, depth 0.5 feet.

Specific conductance out of calibration (~10 times normal).

Time HHMMSS	Temp øC	DO% Sat	DO mg/l	Turb NTUs	pH Units	SpCond uS/cm
91500						
92000						
92500						
93000						
93500						
94000						
94500						
95000						
95500	5.57	99.9	12.55	7.4	7.05	428
100000	5.57	97.4	12.23	7.6	7.09	428
100500	5.59	97.1	12.19	6.7	7.1	428
101000	5.57	97.2	12.21	6.7	7.11	428
101500	5.61	97	12.17	6.2	7.12	426
102000	5.58	97.3	12.22	6.4	7.13	426
102500	5.6	97.3	12.21	5.5	7.13	427
103000	5.59	97.1	12.19	5.9	7.14	427
103500	5.61	97.2	12.2	6.4	7.14	427
104000	5.61	97.3	12.21	7.7	7.15	426
104500	5.61	97.3	12.21	5.8	7.15	428
105000	5.61	97.3	12.21	6.4	7.15	427
105500	5.61	97.4	12.22	5.1	7.16	427
110000	5.62	97.5	12.23	5.5	7.16	426

110500	5.65	97.3	12.2	7.1	7.16	426
111000	5.64	97.7	12.25	5.5	7.16	427
111500	5.69	97.6	12.22	6	7.17	426
112000	5.68	97.5	12.21	4.9	7.17	425
112500	5.68	97.5	12.21	5.3	7.17	425
113000	5.68	97.4	12.2	6.1	7.18	426
113500	5.68	97.4	12.2	5.6	7.19	427
114000	5.7	97.3	12.18	5.4	7.19	425
114500	5.7	97.4	12.19	5.4	7.19	425
115000	5.71	97.4	12.19	5.3	7.19	425
115500	5.71	97.5	12.2	5.8	7.19	424
120000	5.71	97.3	12.18	5	7.2	425
120500	5.73	97.5	12.2	4.9	7.2	425
121000	5.75	97.4	12.18	5.6	7.2	424
121500	5.77	97.4	12.17	5.7	7.2	424
122000	5.77	97.2	12.15	5.4	7.21	425
122500	5.78	97.4	12.17	5.4	7.21	424
123000	5.81	97.4	12.16	5.4	7.21	424
123500	5.81	97.3	12.15	6.5	7.22	422
124000	5.8	97.4	12.16	5.4	7.21	424
124500	5.81	97.3	12.15	4.9	7.21	424
125000	5.82	97.3	12.14	4.7	7.21	423
125500	5.82	97.4	12.16	5.3	7.21	424
130000						
130500	5.88	97.3	12.13	6.1	7.22	425
131000	5.85	97.6	12.17	8.1	7.23	426
131500	5.85	97.5	12.16	6.1	7.22	427
132000	5.87	97.4	12.14	4.9	7.23	425
132500	5.88	97.2	12.11	5.6	7.23	425
133000	5.9	97.3	12.12	6	7.23	425
133500	5.9	97.6	12.16	6.6	7.23	424
134000	5.92	97.8	12.17	4.8	7.24	425
134500	5.93	97.7	12.16	4.4	7.22	422
135000	5.94	97.9	12.18	6.1	7.24	424
135500	5.95	97.8	12.17	5.7	7.23	425
140000	5.94	97.8	12.17	4.8	7.24	424
140500	5.95	97.8	12.17	5.3	7.23	424
141000	5.96	97.8	12.16	5.1	7.23	423
141500	5.96	97.9	12.18	6.4	7.23	424
142000	5.95	98.1	12.2	5.6	7.22	427
142500	5.96	98.1	12.2	6	7.22	425
143000	5.95	98.1	12.2	5.7	7.24	424
143500	5.95	98.3	12.23	5	7.23	426
144000	5.96	98.2	12.21	6.3	7.23	425
144500	5.98	98	12.18	11.4	7.22	422
145000	5.94	97.7	12.16	8	7.22	425
145500	5.93	97.6	12.15	18.9	7.25	432
150000	5.94	97.1	12.08	45.1	7.28	441
150500	5.91	96.6	12.03	79.4	7.42	468
151000	5.92	96.2	11.97	97.3	7.49	476

151500	5.89	95.7	11.92	125	7.56	492
152000	5.87	95.5	11.9	133	7.56	496
152500	5.83	95.2	11.88	132	7.53	497
153000	5.8	95.2	11.88	116	7.47	494
153500	5.78	95.1	11.88	98.7	7.42	488
154000	5.74	95.3	11.92	89.2	7.36	482
154500	5.72	95	11.88	77.6	7.31	476
155000	5.69	95.3	11.93	63.7	7.28	469
155500	5.69	94.9	11.88	57.5	7.25	465
160000	5.69	94.8	11.87	49.9	7.23	464
160500	5.69	95	11.89	44.6	7.22	457
161000	5.71	94.9	11.88	34.9	7.2	451
161500	5.72	95.2	11.91	32.6	7.19	450
162000	5.75	95.3	11.91	26.4	7.19	441
162500	5.77	95.2	11.9	22.1	7.19	440
163000	5.79	95.6	11.94	27.4	7.19	437
163500	5.8	94.9	11.85	17.7	7.18	436
164000	5.81	95.1	11.87	14.8	7.18	435
164500	5.83	95.2	11.88	15.3	7.17	435
165000	5.84	95.2	11.87	12.9	7.17	435
165500	5.85	95.4	11.9	11.7	7.18	436

TABLE B

Samples collected 5/15/02 between 1400 and 1745 hours

ClientNO	DatePrep	Parameter	Results	PQL	Units	Sample type	Flags
CUGRUS	5/21/2002	Barium	0.00137	0.005	mg/L	sample	J
CUGRUS	5/21/2002	Beryllium	0	0.002	mg/L	sample	
CUGRUS	5/21/2002	Chromium	0	0.01	mg/L	sample	
CUGRUS	5/21/2002	Copper	0	0.01	mg/L	sample	
CUGRUS	5/21/2002	Iron	0.0169	0.1	mg/L	sample	J
CUGRUS	5/21/2002	Manganese	0	0.01	mg/L	sample	
CUGRUS	5/21/2002	Nickel	0	0.01	mg/L	sample	
CUGRUS	5/21/2002	Sodium	1.92	1	mg/L	sample	
CUGRUS	5/21/2002	Zinc	0.00654	0.01	mg/L	sample	J
CUGRDS1	5/21/2002	Barium	0.0181	0.005	mg/L	sample	
CUGRDS1	5/21/2002	Beryllium	0	0.002	mg/L	sample	
CUGRDS1	5/21/2002	Chromium	0.00112	0.01	mg/L	sample	J
CUGRDS1	5/21/2002	Copper	0.00285	0.01	mg/L	sample	J
CUGRDS1	5/21/2002	Iron	2.48	0.1	mg/L	sample	
CUGRDS1	5/21/2002	Manganese	0.27	0.01	mg/L	sample	
CUGRDS1	5/21/2002	Nickel	0.00133	0.01	mg/L	sample	J
CUGRDS1	5/21/2002	Sodium	2.26	1	mg/L	sample	
CUGRDS1	5/21/2002	Zinc	0.006	0.01	mg/L	sample	J
CUGRDS2	5/21/2002	Barium	0.0201	0.005	mg/L	sample	
CUGRDS2	5/21/2002	Beryllium	0	0.002	mg/L	sample	
CUGRDS2	5/21/2002	Chromium	0.00156	0.01	mg/L	sample	J
CUGRDS2	5/21/2002	Copper	0.00375	0.01	mg/L	sample	J
CUGRDS2	5/21/2002	Iron	3.2	0.1	mg/L	sample	
CUGRDS2	5/21/2002	Manganese	0.274	0.01	mg/L	sample	
CUGRDS2	5/21/2002	Nickel	0.00171	0.01	mg/L	sample	J
CUGRDS2	5/21/2002	Sodium	2.28	1	mg/L	sample	
CUGRDS2	5/21/2002	Zinc	0.00605	0.01	mg/L	sample	J
CUGRHB	5/21/2002	Barium	0.00471	0.005	mg/L	sample	J
CUGRHB	5/21/2002	Beryllium	0	0.002	mg/L	sample	
CUGRHB	5/21/2002	Chromium	0	0.01	mg/L	sample	
CUGRHB	5/21/2002	Copper	0	0.01	mg/L	sample	
CUGRHB	5/21/2002	Iron	0.513	0.1	mg/L	sample	
CUGRHB	5/21/2002	Manganese	0.0282	0.01	mg/L	sample	
CUGRHB	5/21/2002	Nickel	0	0.01	mg/L	sample	
CUGRHB	5/21/2002	Sodium	2.83	1	mg/L	sample	
CUGRHB	5/21/2002	Zinc	0.00227	0.01	mg/L	sample	J
CUGRUS	5/21/2002	Barium	0.00137	0.005	mg/L	dup	J
CUGRUS	5/21/2002	Beryllium	0	0.002	mg/L	dup	
CUGRUS	5/21/2002	Chromium	0	0.01	mg/L	dup	
CUGRUS	5/21/2002	Copper	0	0.01	mg/L	dup	
CUGRUS	5/21/2002	Iron	0.0148	0.1	mg/L	dup	J
CUGRUS	5/21/2002	Manganese	0	0.01	mg/L	dup	
CUGRUS	5/21/2002	Nickel	0	0.01	mg/L	dup	
CUGRUS	5/21/2002	Sodium	1.88	1	mg/L	dup	
CUGRUS	5/21/2002	Zinc	0.0038	0.01	mg/L	dup	J

CUGRUS	5/21/2002	Barium	3.63	0.005	mg/L	ms
CUGRUS	5/21/2002	Beryllium	0.0964	0.002	mg/L	ms
CUGRUS	5/21/2002	Chromium	0.386	0.01	mg/L	ms
CUGRUS	5/21/2002	Copper	0.456	0.01	mg/L	ms
CUGRUS	5/21/2002	Iron	20.6	0.1	mg/L	ms
CUGRUS	5/21/2002	Manganese	0.948	0.01	mg/L	ms
CUGRUS	5/21/2002	Nickel	0.932	0.01	mg/L	ms
CUGRUS	5/21/2002	Sodium	21	1	mg/L	ms
CUGRUS	5/21/2002	Zinc	0.923	0.01	mg/L	ms
CUGRUS	5/21/2002	Arsenic	0	0.001	mg/L	sample
CUGRUS	5/21/2002	Antimony	0.00045	0.003	mg/L	sample
CUGRUS	5/21/2002	Cadmium	0	0.0005	mg/L	sample
CUGRUS	5/21/2002	Lead	7.4e-005	0.0005	mg/L	sample
CUGRUS	5/21/2002	Selenium	0	0.003	mg/L	sample
CUGRUS	5/21/2002	Silver	2.2e-005	0.0005	mg/L	sample
CUGRUS	5/21/2002	Thallium	9e-006	0.0005	mg/L	sample
CUGRDS1	5/21/2002	Arsenic	0.000528	0.001	mg/L	sample
CUGRDS1	5/21/2002	Antimony	0.000277	0.003	mg/L	sample
CUGRDS1	5/21/2002	Cadmium	0	0.0005	mg/L	sample
CUGRDS1	5/21/2002	Lead	0.000475	0.0005	mg/L	sample
CUGRDS1	5/21/2002	Selenium	0	0.003	mg/L	sample
CUGRDS1	5/21/2002	Silver	2.9e-005	0.0005	mg/L	sample
CUGRDS1	5/21/2002	Thallium	1.6e-005	0.0005	mg/L	sample
CUGRDS2	5/21/2002	Arsenic	0.000612	0.001	mg/L	sample
CUGRDS2	5/21/2002	Antimony	0.000219	0.003	mg/L	sample
CUGRDS2	5/21/2002	Cadmium	0	0.0005	mg/L	sample
CUGRDS2	5/21/2002	Lead	0.000553	0.0005	mg/L	sample
CUGRDS2	5/21/2002	Selenium	0	0.003	mg/L	sample
CUGRDS2	5/21/2002	Silver	3.3e-005	0.0005	mg/L	sample
CUGRDS2	5/21/2002	Thallium	2.4e-005	0.0005	mg/L	sample
CUGRHB	5/21/2002	Arsenic	0.000236	0.001	mg/L	sample
CUGRHB	5/21/2002	Antimony	0.000167	0.003	mg/L	sample
CUGRHB	5/21/2002	Cadmium	0	0.0005	mg/L	sample
CUGRHB	5/21/2002	Lead	0.000109	0.0005	mg/L	sample
CUGRHB	5/21/2002	Selenium	0	0.003	mg/L	sample
CUGRHB	5/21/2002	Silver	1.1e-005	0.0005	mg/L	sample
CUGRHB	5/21/2002	Thallium	0	0.0005	mg/L	sample
CUGRUS	5/21/2002	Arsenic	0	0.001	mg/L	dup
CUGRUS	5/21/2002	Antimony	0.000314	0.003	mg/L	dup
CUGRUS	5/21/2002	Cadmium	0	0.0005	mg/L	dup
CUGRUS	5/21/2002	Lead	0.0001	0.0005	mg/L	dup
CUGRUS	5/21/2002	Selenium	0	0.003	mg/L	dup
CUGRUS	5/21/2002	Silver	1.5e-005	0.0005	mg/L	dup
CUGRUS	5/21/2002	Thallium	9e-006	0.0005	mg/L	dup
CUGRUS	5/21/2002	Arsenic	4.4	0.02	mg/L	ms
CUGRUS	5/21/2002	Antimony	3.54	0.06	mg/L	ms
CUGRUS	5/21/2002	Cadmium	0.115	0.01	mg/L	ms
CUGRUS	5/21/2002	Lead	1.13	0.01	mg/L	ms
CUGRUS	5/21/2002	Selenium	4.32	0.06	mg/L	ms
CUGRUS	5/21/2002	Silver	0.67	0.01	mg/L	ms

CUGRUS	5/21/2002	Thallium	4.02	0.01	mg/L	ms	B2
CUGRUS	5/17/2002	Mercury	0	0.0002	mg/L	sample	
CUGRDS1	5/17/2002	Mercury	0	0.0002	mg/L	sample	
CUGRDS2	5/17/2002	Mercury	0	0.0002	mg/L	sample	
CUGRHB	5/17/2002	Mercury	0	0.0002	mg/L	sample	
CUGRUS	5/22/2002	Tetrachloro-m-xylene	72.3		%	sample	
CUGRUS	5/22/2002	Decachlorobiphenyl	84.8		%	sample	
CUGRUS	5/22/2002	Aldrin	0	0.000954	ug/L	sample	
CUGRUS	5/22/2002	alpha-BHC	0	0.000954	ug/L	sample	
CUGRUS	5/22/2002	beta-BHC	0.000562	0.000954	ug/L	sample	J C2
CUGRUS	5/22/2002	delta-BHC	0	0.000954	ug/L	sample	
CUGRUS	5/22/2002	gamma-BHC (Lindane)	0	0.000954	ug/L	sample	
CUGRUS	5/22/2002	Chlordane (technical)	0	0.00954	ug/L	sample	
CUGRUS	5/22/2002	4,4'-DDD	0	0.00191	ug/L	sample	
CUGRUS	5/22/2002	4,4'-DDE	0	0.00191	ug/L	sample	
CUGRUS	5/22/2002	4,4'-DDT	0	0.00191	ug/L	sample	
CUGRUS	5/22/2002	Dieldrin	0	0.00191	ug/L	sample	
CUGRUS	5/22/2002	Endosulfan I	0	0.000954	ug/L	sample	
CUGRUS	5/22/2002	Endosulfan II	0	0.00191	ug/L	sample	
CUGRUS	5/22/2002	Endosulfan sulfate	0	0.00191	ug/L	sample	
CUGRUS	5/22/2002	Endrin	0	0.00191	ug/L	sample	
CUGRUS	5/22/2002	Endrin aldehyde	0	0.00191	ug/L	sample	
CUGRUS	5/22/2002	Heptachlor	0	0.000954	ug/L	sample	
CUGRUS	5/22/2002	Heptachlor epoxide	0	0.000954	ug/L	sample	
CUGRUS	5/22/2002	Methoxychlor	0	0.00954	ug/L	sample	
CUGRUS	5/22/2002	Endrin ketone	0	0.00191	ug/L	sample	
CUGRUS	5/22/2002	Toxaphene	0	0.0954	ug/L	sample	
CUGRDS1	5/22/2002	Tetrachloro-m-xylene	71		%	sample	
CUGRDS1	5/22/2002	Decachlorobiphenyl	84.2		%	sample	
CUGRDS1	5/22/2002	Aldrin	0	0.000968	ug/L	sample	
CUGRDS1	5/22/2002	alpha-BHC	0	0.000968	ug/L	sample	
CUGRDS1	5/22/2002	beta-BHC	0	0.000968	ug/L	sample	
CUGRDS1	5/22/2002	delta-BHC	0	0.000968	ug/L	sample	
CUGRDS1	5/22/2002	gamma-BHC (Lindane)	0	0.000968	ug/L	sample	
CUGRDS1	5/22/2002	Chlordane (technical)	0	0.00968	ug/L	sample	
CUGRDS1	5/22/2002	4,4'-DDD	0	0.00194	ug/L	sample	
CUGRDS1	5/22/2002	4,4'-DDE	0	0.00194	ug/L	sample	
CUGRDS1	5/22/2002	4,4'-DDT	0	0.00194	ug/L	sample	
CUGRDS1	5/22/2002	Dieldrin	0	0.00194	ug/L	sample	
CUGRDS1	5/22/2002	Endosulfan I	0	0.000968	ug/L	sample	
CUGRDS1	5/22/2002	Endosulfan II	0	0.00194	ug/L	sample	
CUGRDS1	5/22/2002	Endosulfan sulfate	0	0.00194	ug/L	sample	
CUGRDS1	5/22/2002	Endrin	0	0.00194	ug/L	sample	
CUGRDS1	5/22/2002	Endrin aldehyde	0	0.00194	ug/L	sample	
CUGRDS1	5/22/2002	Heptachlor	0	0.000968	ug/L	sample	
CUGRDS1	5/22/2002	Heptachlor epoxide	0	0.000968	ug/L	sample	
CUGRDS1	5/22/2002	Methoxychlor	0	0.00968	ug/L	sample	
CUGRDS1	5/22/2002	Endrin ketone	0	0.00194	ug/L	sample	
CUGRDS1	5/22/2002	Toxaphene	0	0.0968	ug/L	sample	
CUGRDS2	5/22/2002	Tetrachloro-m-xylene	71.5		%	sample	

CUGRDS2	5/22/2002	Decachlorobiphenyl	83.4	%	sample	
CUGRDS2	5/22/2002	Aldrin	0	0.000973	ug/L	sample
CUGRDS2	5/22/2002	alpha-BHC	0	0.000973	ug/L	sample
CUGRDS2	5/22/2002	beta-BHC	0	0.000973	ug/L	sample
CUGRDS2	5/22/2002	delta-BHC	0	0.000973	ug/L	sample
CUGRDS2	5/22/2002	gamma-BHC (Lindane)	0	0.000973	ug/L	sample
CUGRDS2	5/22/2002	Chlordane (technical)	0	0.00973	ug/L	sample
CUGRDS2	5/22/2002	4,4'-DDD	0	0.00195	ug/L	sample
CUGRDS2	5/22/2002	4,4'-DDE	0	0.00195	ug/L	sample
CUGRDS2	5/22/2002	4,4'-DDT	0.000599	0.00195	ug/L	sample
CUGRDS2	5/22/2002	Dieldrin	0	0.00195	ug/L	sample
CUGRDS2	5/22/2002	Endosulfan I	0	0.000973	ug/L	sample
CUGRDS2	5/22/2002	Endosulfan II	0	0.00195	ug/L	sample
CUGRDS2	5/22/2002	Endosulfan sulfate	0	0.00195	ug/L	sample
CUGRDS2	5/22/2002	Endrin	0	0.00195	ug/L	sample
CUGRDS2	5/22/2002	Endrin aldehyde	0	0.00195	ug/L	sample
CUGRDS2	5/22/2002	Heptachlor	0	0.000973	ug/L	sample
CUGRDS2	5/22/2002	Heptachlor epoxide	0	0.000973	ug/L	sample
CUGRHS	5/22/2002	Methoxychlor	0	0.00973	ug/L	sample
CUGRHS	5/22/2002	Endrin ketone	0	0.00195	ug/L	sample
CUGRHS	5/22/2002	Toxaphene	0	0.0973	ug/L	sample
CUGRHB	5/22/2002	Tetrachloro-m-xylene	72.4	%	sample	
CUGRHB	5/22/2002	Decachlorobiphenyl	83.1	%	sample	
CUGRHB	5/22/2002	Aldrin	0	0.000967	ug/L	sample
CUGRHB	5/22/2002	alpha-BHC	0	0.000967	ug/L	sample
CUGRHB	5/22/2002	beta-BHC	0	0.000967	ug/L	sample
CUGRHB	5/22/2002	delta-BHC	0	0.000967	ug/L	sample
CUGRHB	5/22/2002	gamma-BHC (Lindane)	0	0.000967	ug/L	sample
CUGRHB	5/22/2002	Chlordane (technical)	0	0.00967	ug/L	sample
CUGRHB	5/22/2002	4,4'-DDD	0	0.00193	ug/L	sample
CUGRHB	5/22/2002	4,4'-DDE	0	0.00193	ug/L	sample
CUGRHB	5/22/2002	4,4'-DDT	0	0.00193	ug/L	sample
CUGRHB	5/22/2002	Dieldrin	0	0.00193	ug/L	sample
CUGRHB	5/22/2002	Endosulfan I	0	0.000967	ug/L	sample
CUGRHB	5/22/2002	Endosulfan II	0	0.00193	ug/L	sample
CUGRHB	5/22/2002	Endosulfan sulfate	0	0.00193	ug/L	sample
CUGRHB	5/22/2002	Endrin	0	0.00193	ug/L	sample
CUGRHB	5/22/2002	Endrin aldehyde	0	0.00193	ug/L	sample
CUGRHB	5/22/2002	Heptachlor	0	0.000967	ug/L	sample
CUGRHB	5/22/2002	Heptachlor epoxide	0	0.000967	ug/L	sample
CUGRHB	5/22/2002	Methoxychlor	0	0.00967	ug/L	sample
CUGRHB	5/22/2002	Endrin ketone	0	0.00193	ug/L	sample
CUGRHB	5/22/2002	Toxaphene	0	0.0967	ug/L	sample
CUGRUS	5/20/2002	Tributyl Phosphate	84.2	%	sample	
CUGRUS	5/20/2002	Triphenyl Phosphate	67.8	%	sample	
CUGRUS	5/20/2002	Dichlorvos	0	0.192	ug/L	sample
CUGRUS	5/20/2002	Mevinphos	0	0.192	ug/L	sample
CUGRUS	5/20/2002	Ethoprop	0	0.289	ug/L	sample
CUGRUS	5/20/2002	Naled	0	0.192	ug/L	sample
CUGRUS	5/20/2002	Sulfotep	0	0.0962	ug/L	sample

CUGRUS	5/20/2002	Monocrotophos	0	0.0962	ug/L	sample
CUGRUS	5/20/2002	Phorate	0	0.144	ug/L	sample
CUGRUS	5/20/2002	Dimethoate	0	0.481	ug/L	sample
CUGRUS	5/20/2002	Demeton,o-s	0	0.192	ug/L	sample
CUGRUS	5/20/2002	Diazinon	0	0.192	ug/L	sample
CUGRUS	5/20/2002	Disulfoton	0	0.144	ug/L	sample
CUGRUS	5/20/2002	Parathion,methyl	0	0.289	ug/L	sample
CUGRUS	5/20/2002	Ronnel	0	0.192	ug/L	sample
CUGRUS	5/20/2002	Chlorpyrifos	0	0.144	ug/L	sample
CUGRUS	5/20/2002	Malathion	0	0.192	ug/L	sample
CUGRUS	5/20/2002	Fenthion	0	0.0962	ug/L	sample
CUGRUS	5/20/2002	Parathion	0	0.144	ug/L	sample
CUGRUS	5/20/2002	Trichloronate	0	0.0962	ug/L	sample
CUGRUS	5/20/2002	Tetrachlorvinphos	0	0.0962	ug/L	sample
CUGRUS	5/20/2002	Merphos	0	0.144	ug/L	sample
CUGRUS	5/20/2002	Tokuthion	0	0.144	ug/L	sample
CUGRUS	5/20/2002	Fensulfothion	0	0.144	ug/L	sample
CUGRUS	5/20/2002	Bolstar	0	0.0962	ug/L	sample
CUGRUS	5/20/2002	EPN	0	0.0962	ug/L	sample
CUGRUS	5/20/2002	Azinphos,methyl	0	0.144	ug/L	sample
CUGRUS	5/20/2002	Coumaphos	0	0.144	ug/L	sample
CUGRDS1	5/20/2002	Tributyl Phosphate	76.8		%	sample
CUGRDS1	5/20/2002	Triphenyl Phosphate	98		%	sample
CUGRDS1	5/20/2002	Dichlorvos	0	0.193	ug/L	sample
CUGRDS1	5/20/2002	Mevinphos	0	0.193	ug/L	sample
CUGRDS1	5/20/2002	Ethoprop	0	0.29	ug/L	sample
CUGRDS1	5/20/2002	Naled	0	0.193	ug/L	sample
CUGRDS1	5/20/2002	Sulfotep	0	0.0966	ug/L	sample
CUGRDS1	5/20/2002	Monocrotophos	0	0.0966	ug/L	sample
CUGRDS1	5/20/2002	Phorate	0	0.145	ug/L	sample
CUGRDS1	5/20/2002	Dimethoate	0	0.483	ug/L	sample
CUGRDS1	5/20/2002	Demeton,o-s	0	0.193	ug/L	sample
CUGRDS1	5/20/2002	Diazinon	0.454	0.193	ug/L	sample
CUGRDS1	5/20/2002	Disulfoton	0	0.145	ug/L	sample
CUGRDS1	5/20/2002	Parathion,methyl	0	0.29	ug/L	sample
CUGRDS1	5/20/2002	Ronnel	0	0.193	ug/L	sample
CUGRDS1	5/20/2002	Chlorpyrifos	0	0.145	ug/L	sample
CUGRDS1	5/20/2002	Malathion	0.155	0.193	ug/L	sample
CUGRDS1	5/20/2002	Fenthion	0	0.0966	ug/L	sample
CUGRDS1	5/20/2002	Parathion	0	0.145	ug/L	sample
CUGRDS1	5/20/2002	Trichloronate	0	0.0966	ug/L	sample
CUGRDS1	5/20/2002	Tetrachlorvinphos	0	0.0966	ug/L	sample
CUGRDS1	5/20/2002	Merphos	0	0.145	ug/L	sample
CUGRDS1	5/20/2002	Tokuthion	0	0.145	ug/L	sample
CUGRDS1	5/20/2002	Fensulfothion	0	0.145	ug/L	sample
CUGRDS1	5/20/2002	Bolstar	0	0.0966	ug/L	sample
CUGRDS1	5/20/2002	EPN	0	0.0966	ug/L	sample
CUGRDS1	5/20/2002	Azinphos,methyl	0	0.145	ug/L	sample
CUGRDS1	5/20/2002	Coumaphos	0	0.145	ug/L	sample
CUGRDS2	5/20/2002	Tributyl Phosphate	82.9		%	sample

CUGRDS2	5/20/2002	Triphenyl Phosphate	67.6	%	sample
CUGRDS2	5/20/2002	Dichlorvos	0	0.193	ug/L
CUGRDS2	5/20/2002	Mevinphos	0	0.193	ug/L
CUGRDS2	5/20/2002	Ethoprop	0	0.289	ug/L
CUGRDS2	5/20/2002	Naled	0	0.193	ug/L
CUGRDS2	5/20/2002	Sulfotepp	0	0.0963	ug/L
CUGRDS2	5/20/2002	Monocrotophos	0	0.0963	ug/L
CUGRDS2	5/20/2002	Phorate	0	0.145	ug/L
CUGRDS2	5/20/2002	Dimethoate	0	0.482	ug/L
CUGRDS2	5/20/2002	Demeton,o-s	0	0.193	ug/L
CUGRDS2	5/20/2002	Diazinon	0	0.193	ug/L
CUGRDS2	5/20/2002	Disulfoton	0	0.145	ug/L
CUGRDS2	5/20/2002	Parathion,methyl	0	0.289	ug/L
CUGRDS2	5/20/2002	Ronnel	0	0.193	ug/L
CUGRDS2	5/20/2002	Chlorpyrifos	0	0.145	ug/L
CUGRDS2	5/20/2002	Malathion	0	0.193	ug/L
CUGRDS2	5/20/2002	Fenthion	0	0.0963	ug/L
CUGRDS2	5/20/2002	Parathion	0	0.145	ug/L
CUGRDS2	5/20/2002	Trichloronate	0	0.0963	ug/L
CUGRDS2	5/20/2002	Tetrachlorvinphos	0	0.0963	ug/L
CUGRDS2	5/20/2002	Merphos	0	0.145	ug/L
CUGRDS2	5/20/2002	Tokuthion	0	0.145	ug/L
CUGRDS2	5/20/2002	Fensulfothion	0	0.145	ug/L
CUGRDS2	5/20/2002	Bolstar	0	0.0963	ug/L
CUGRDS2	5/20/2002	EPN	0	0.0963	ug/L
CUGRDS2	5/20/2002	Azinphos,methyl	0	0.145	ug/L
CUGRDS2	5/20/2002	Coumaphos	0	0.145	ug/L
CUGRHB	5/20/2002	Tributyl Phosphate	80.7	%	sample
CUGRHB	5/20/2002	Triphenyl Phosphate	99.8	%	sample
CUGRHB	5/20/2002	Dichlorvos	0	0.193	ug/L
CUGRHB	5/20/2002	Mevinphos	0	0.193	ug/L
CUGRHB	5/20/2002	Ethoprop	0	0.289	ug/L
CUGRHB	5/20/2002	Naled	0	0.193	ug/L
CUGRHB	5/20/2002	Sulfotepp	0	0.0964	ug/L
CUGRHB	5/20/2002	Monocrotophos	0	0.0964	ug/L
CUGRHB	5/20/2002	Phorate	0	0.145	ug/L
CUGRHB	5/20/2002	Dimethoate	0	0.482	ug/L
CUGRHB	5/20/2002	Demeton,o-s	0	0.193	ug/L
CUGRHB	5/20/2002	Diazinon	0	0.193	ug/L
CUGRHB	5/20/2002	Disulfoton	0	0.145	ug/L
CUGRHB	5/20/2002	Parathion,methyl	0	0.289	ug/L
CUGRHB	5/20/2002	Ronnel	0	0.193	ug/L
CUGRHB	5/20/2002	Chlorpyrifos	0	0.145	ug/L
CUGRHB	5/20/2002	Malathion	0	0.193	ug/L
CUGRHB	5/20/2002	Fenthion	0	0.0964	ug/L
CUGRHB	5/20/2002	Parathion	0	0.145	ug/L
CUGRHB	5/20/2002	Trichloronate	0	0.0964	ug/L
CUGRHB	5/20/2002	Tetrachlorvinphos	0	0.0964	ug/L
CUGRHB	5/20/2002	Merphos	0	0.145	ug/L
CUGRHB	5/20/2002	Tokuthion	0	0.145	ug/L

CUGRHB	5/20/2002	Fensulfothion	0	0.145	ug/L	sample
CUGRHB	5/20/2002	Bolstar	0	0.0964	ug/L	sample
CUGRHB	5/20/2002	EPN	0	0.0964	ug/L	sample
CUGRHB	5/20/2002	Azinphos,methyl	0	0.145	ug/L	sample
CUGRHB	5/20/2002	Coumaphos	0	0.145	ug/L	sample
CUGRUS	5/20/2002	2,4-Dichlorophenylacetic acid	92.7	%		sample
CUGRUS	5/20/2002	Dalapon	0	0.0969	ug/L	sample
CUGRUS	5/20/2002	4-Nitrophenol	0	0.0969	ug/L	sample
CUGRUS	5/20/2002	Dicamba	0	0.0969	ug/L	sample
CUGRUS	5/20/2002	Dichloroprop	0	0.0969	ug/L	sample
CUGRUS	5/20/2002	2,4-D	0	0.0969	ug/L	sample
CUGRUS	5/20/2002	Pentachlorophenol	0	0.0969	ug/L	sample
CUGRUS	5/20/2002	Silvex (2,4,5-TP)	0	0.0969	ug/L	sample
CUGRUS	5/20/2002	2,4,5-T	0	0.194	ug/L	sample
CUGRUS	5/20/2002	Dinoseb	0	0.0969	ug/L	sample
CUGRUS	5/20/2002	2,4-DB	0	0.194	ug/L	sample
CUGRUS	5/20/2002	MCPP	0	0.0969	ug/L	sample
CUGRUS	5/20/2002	MCPA	0	0.0969	ug/L	sample
CUGRDS1	5/20/2002	2,4-Dichlorophenylacetic acid	90.4	%		sample
CUGRDS1	5/20/2002	Dalapon	0	0.0967	ug/L	sample
CUGRDS1	5/20/2002	4-Nitrophenol	0	0.0967	ug/L	sample
CUGRDS1	5/20/2002	Dicamba	0	0.0967	ug/L	sample
CUGRDS1	5/20/2002	Dichloroprop	0	0.0967	ug/L	sample
CUGRDS1	5/20/2002	2,4-D	0	0.0967	ug/L	sample
CUGRDS1	5/20/2002	Pentachlorophenol	0	0.0967	ug/L	sample
CUGRDS1	5/20/2002	Silvex (2,4,5-TP)	0	0.0967	ug/L	sample
CUGRDS1	5/20/2002	2,4,5-T	0	0.193	ug/L	sample
CUGRDS1	5/20/2002	Dinoseb	0	0.0967	ug/L	sample
CUGRDS1	5/20/2002	2,4-DB	0	0.193	ug/L	sample
CUGRDS1	5/20/2002	MCPP	0	0.0967	ug/L	sample
CUGRDS1	5/20/2002	MCPA	0	0.0967	ug/L	sample
CUGRDS2	5/20/2002	2,4-Dichlorophenylacetic acid	91	%		sample
CUGRDS2	5/20/2002	Dalapon	0	0.0961	ug/L	sample
CUGRDS2	5/20/2002	4-Nitrophenol	0	0.0961	ug/L	sample
CUGRDS2	5/20/2002	Dicamba	0	0.0961	ug/L	sample
CUGRDS2	5/20/2002	Dichloroprop	0	0.0961	ug/L	sample
CUGRDS2	5/20/2002	2,4-D	0	0.0961	ug/L	sample
CUGRDS2	5/20/2002	Pentachlorophenol	0	0.0961	ug/L	sample
CUGRDS2	5/20/2002	Silvex (2,4,5-TP)	0	0.0961	ug/L	sample
CUGRDS2	5/20/2002	2,4,5-T	0	0.192	ug/L	sample
CUGRDS2	5/20/2002	Dinoseb	0	0.0961	ug/L	sample
CUGRDS2	5/20/2002	2,4-DB	0	0.192	ug/L	sample
CUGRDS2	5/20/2002	MCPP	0	0.0961	ug/L	sample
CUGRDS2	5/20/2002	MCPA	0	0.0961	ug/L	sample
CUGRHB	5/20/2002	2,4-Dichlorophenylacetic acid	89.5	%		sample
CUGRHB	5/20/2002	Dalapon	0	0.096	ug/L	sample
CUGRHB	5/20/2002	4-Nitrophenol	0	0.096	ug/L	sample
CUGRHB	5/20/2002	Dicamba	0	0.096	ug/L	sample
CUGRHB	5/20/2002	Dichloroprop	0	0.096	ug/L	sample
CUGRHB	5/20/2002	2,4-D	0	0.096	ug/L	sample

CUGRHB	5/20/2002	Pentachlorophenol	0	0.096	ug/L	sample
CUGRHB	5/20/2002	Silvex (2,4,5-TP)	0	0.096	ug/L	sample
CUGRHB	5/20/2002	2,4,5-T	0	0.192	ug/L	sample
CUGRHB	5/20/2002	Dinoseb	0	0.096	ug/L	sample
CUGRHB	5/20/2002	2,4-DB	0	0.192	ug/L	sample
CUGRHB	5/20/2002	MCPP	0	0.096	ug/L	sample
CUGRHB	5/20/2002	MCPA	0	0.096	ug/L	sample
CUGRUS	5/22/2002	2 - Fluorophenol	44.5	%	sample	
CUGRUS	5/22/2002	Phenol - d5	21.7	%	sample	
CUGRUS	5/22/2002	Nitrobenzene - d5	104	%	sample	
CUGRUS	5/22/2002	2 - Fluorobiphenyl	111	%	sample	
CUGRUS	5/22/2002	2,4,6 - Tribromophenol	108	%	sample	
CUGRUS	5/22/2002	p - Terphenyl - d14	109	%	sample	
CUGRUS	5/22/2002	Naphthalene	0	0.096	ug/L	sample
CUGRUS	5/22/2002	2-Methylnaphthalene	0	0.96	ug/L	sample
CUGRUS	5/22/2002	2-Chloronaphthalene	0	0.096	ug/L	sample
CUGRUS	5/22/2002	Acenaphthylene	0	0.096	ug/L	sample
CUGRUS	5/22/2002	Acenaphthene	0	0.096	ug/L	sample
CUGRUS	5/22/2002	Fluorene	0	0.096	ug/L	sample
CUGRUS	5/22/2002	Phenanthrene	0	0.096	ug/L	sample
CUGRUS	5/22/2002	Anthracene	0	0.096	ug/L	sample
CUGRUS	5/22/2002	Fluoranthene	0	0.096	ug/L	sample
CUGRUS	5/22/2002	Pyrene	0	0.096	ug/L	sample
CUGRUS	5/22/2002	Benzo(a)anthracene	0	0.096	ug/L	sample
CUGRUS	5/22/2002	Chrysene	0	0.096	ug/L	sample
CUGRUS	5/22/2002	Benzofluoranthenes	0	0.192	ug/L	sample
CUGRUS	5/22/2002	Benzo(a)pyrene	0	0.096	ug/L	sample
CUGRUS	5/22/2002	Indeno(1,2,3-cd)pyrene	0	0.096	ug/L	sample
CUGRUS	5/22/2002	Dibenz(a,h)anthracene	0	0.096	ug/L	sample
CUGRUS	5/22/2002	Benzo(g,h,i)perylene	0	0.096	ug/L	sample
CUGRUS	5/22/2002	Atrazine	0	0.96	ug/L	sample
CUGRDS1	5/22/2002	2 - Fluorophenol	44.1	%	sample	
CUGRDS1	5/22/2002	Phenol - d5	23.5	%	sample	
CUGRDS1	5/22/2002	Nitrobenzene - d5	113	%	sample	
CUGRDS1	5/22/2002	2 - Fluorobiphenyl	114	%	sample	
CUGRDS1	5/22/2002	2,4,6 - Tribromophenol	103	%	sample	
CUGRDS1	5/22/2002	p - Terphenyl - d14	109	%	sample	
CUGRDS1	5/22/2002	Naphthalene	0	0.0995	ug/L	sample
CUGRDS1	5/22/2002	2-Methylnaphthalene	0	0.995	ug/L	sample
CUGRDS1	5/22/2002	2-Chloronaphthalene	0	0.0995	ug/L	sample
CUGRDS1	5/22/2002	Acenaphthylene	0	0.0995	ug/L	sample
CUGRDS1	5/22/2002	Acenaphthene	0	0.0995	ug/L	sample
CUGRDS1	5/22/2002	Fluorene	0	0.0995	ug/L	sample
CUGRDS1	5/22/2002	Phenanthrene	0	0.0995	ug/L	sample
CUGRDS1	5/22/2002	Anthracene	0	0.0995	ug/L	sample
CUGRDS1	5/22/2002	Fluoranthene	0	0.0995	ug/L	sample
CUGRDS1	5/22/2002	Pyrene	0	0.0995	ug/L	sample
CUGRDS1	5/22/2002	Benzo(a)anthracene	0	0.0995	ug/L	sample
CUGRDS1	5/22/2002	Chrysene	0	0.0995	ug/L	sample
CUGRDS1	5/22/2002	Benzofluoranthenes	0	0.199	ug/L	sample

CUGRDS1	5/22/2002	Benzo(a)pyrene	0	0.0995	ug/L	sample
CUGRDS1	5/22/2002	Indeno(1,2,3-cd)pyrene	0	0.0995	ug/L	sample
CUGRDS1	5/22/2002	Dibenz(a,h)anthracene	0	0.0995	ug/L	sample
CUGRDS1	5/22/2002	Benzo(g,h,i)perylene	0	0.0995	ug/L	sample
CUGRDS1	5/22/2002	Atrazine	0	0.995	ug/L	sample
CUGRDS2	5/22/2002	2 - Fluorophenol	37.9	%	sample	
CUGRDS2	5/22/2002	Phenol - d5	20.4	%	sample	
CUGRDS2	5/22/2002	Nitrobenzene - d5	108	%	sample	
CUGRDS2	5/22/2002	2 - Fluorobiphenyl	112	%	sample	
CUGRDS2	5/22/2002	2,4,6 - Tribromophenol	96.4	%	sample	
CUGRDS2	5/22/2002	p - Terphenyl - d14	109	%	sample	
CUGRDS2	5/22/2002	Naphthalene	0	0.0962	ug/L	sample
CUGRDS2	5/22/2002	2-Methylnaphthalene	0	0.962	ug/L	sample
CUGRDS2	5/22/2002	2-Chloronaphthalene	0	0.0962	ug/L	sample
CUGRDS2	5/22/2002	Acenaphthylene	0	0.0962	ug/L	sample
CUGRDS2	5/22/2002	Acenaphthene	0	0.0962	ug/L	sample
CUGRDS2	5/22/2002	Fluorene	0	0.0962	ug/L	sample
CUGRDS2	5/22/2002	Phenanthrene	0	0.0962	ug/L	sample
CUGRDS2	5/22/2002	Anthracene	0	0.0962	ug/L	sample
CUGRDS2	5/22/2002	Fluoranthene	0	0.0962	ug/L	sample
CUGRDS2	5/22/2002	Pyrene	0	0.0962	ug/L	sample
CUGRDS2	5/22/2002	Benzo(a)anthracene	0	0.0962	ug/L	sample
CUGRDS2	5/22/2002	Chrysene	0	0.0962	ug/L	sample
CUGRDS2	5/22/2002	Benzofluoranthenes	0	0.192	ug/L	sample
CUGRDS2	5/22/2002	Benzo(a)pyrene	0	0.0962	ug/L	sample
CUGRDS2	5/22/2002	Indeno(1,2,3-cd)pyrene	0	0.0962	ug/L	sample
CUGRDS2	5/22/2002	Dibenz(a,h)anthracene	0	0.0962	ug/L	sample
CUGRDS2	5/22/2002	Benzo(g,h,i)perylene	0	0.0962	ug/L	sample
CUGRDS2	5/22/2002	Atrazine	0	0.962	ug/L	sample
CUGRHB	5/22/2002	2 - Fluorophenol	37.4	%	sample	
CUGRHB	5/22/2002	Phenol - d5	27.2	%	sample	
CUGRHB	5/22/2002	Nitrobenzene - d5	104	%	sample	
CUGRHB	5/22/2002	2 - Fluorobiphenyl	98	%	sample	
CUGRHB	5/22/2002	2,4,6 - Tribromophenol	94.2	%	sample	
CUGRHB	5/22/2002	p - Terphenyl - d14	91.5	%	sample	
CUGRHB	5/22/2002	Naphthalene	0	0.0949	ug/L	sample
CUGRHB	5/22/2002	2-Methylnaphthalene	0	0.949	ug/L	sample
CUGRHB	5/22/2002	2-Chloronaphthalene	0	0.0949	ug/L	sample
CUGRHB	5/22/2002	Acenaphthylene	0	0.0949	ug/L	sample
CUGRHB	5/22/2002	Acenaphthene	0	0.0949	ug/L	sample
CUGRHB	5/22/2002	Fluorene	0	0.0949	ug/L	sample
CUGRHB	5/22/2002	Phenanthrene	0	0.0949	ug/L	sample
CUGRHB	5/22/2002	Anthracene	0	0.0949	ug/L	sample
CUGRHB	5/22/2002	Fluoranthene	0	0.0949	ug/L	sample
CUGRHB	5/22/2002	Pyrene	0	0.0949	ug/L	sample
CUGRHB	5/22/2002	Benzo(a)anthracene	0	0.0949	ug/L	sample
CUGRHB	5/22/2002	Chrysene	0	0.0949	ug/L	sample
CUGRHB	5/22/2002	Benzofluoranthenes	0	0.19	ug/L	sample
CUGRHB	5/22/2002	Benzo(a)pyrene	0	0.0949	ug/L	sample
CUGRHB	5/22/2002	Indeno(1,2,3-cd)pyrene	0	0.0949	ug/L	sample

CUGRHB	5/22/2002	Dibenz(a,h)anthracene	0	0.0949	ug/L	sample
CUGRHB	5/22/2002	Benzo(g,h,i)perylene	0	0.0949	ug/L	sample
CUGRHB	5/22/2002	Atrazine	0	0.949	ug/L	sample
CUGRUS	5/17/2002	Fluoride	0	0.06	mg/L	sample
CUGRUS	5/17/2002	Chloride	0.325	0.3	mg/L	sample
CUGRUS	5/17/2002	Nitrite	0	0.031	mg/L	sample
CUGRUS	5/17/2002	Nitrate	0	0.03	mg/L	sample
CUGRUS	5/17/2002	Sulfate	0.192	0.3	mg/L	sample
CUGRDS1	5/17/2002	Fluoride	0	0.06	mg/L	sample
CUGRDS1	5/17/2002	Chloride	0.473	0.3	mg/L	sample
CUGRDS1	5/17/2002	Nitrite	0	0.031	mg/L	sample
CUGRDS1	5/17/2002	Nitrate	0.014	0.03	mg/L	sample
CUGRDS1	5/17/2002	Sulfate	0.262	0.3	mg/L	sample
CUGRDS2	5/17/2002	Fluoride	0	0.06	mg/L	sample
CUGRDS2	5/17/2002	Chloride	0.472	0.3	mg/L	sample
CUGRDS2	5/17/2002	Nitrite	0	0.031	mg/L	sample
CUGRDS2	5/17/2002	Nitrate	0.014	0.03	mg/L	sample
CUGRDS2	5/17/2002	Sulfate	0.273	0.3	mg/L	sample
CUGRHB	5/17/2002	Fluoride	0	0.06	mg/L	sample
CUGRHB	5/17/2002	Chloride	0.789	0.3	mg/L	sample
CUGRHB	5/17/2002	Nitrite	0	0.031	mg/L	sample
CUGRHB	5/17/2002	Nitrate	0	0.03	mg/L	sample
CUGRHB	5/17/2002	Sulfate	0.565	0.3	mg/L	sample
CUGRUS	5/17/2002	Fluoride	0	0.06	mg/L	dup
CUGRUS	5/17/2002	Chloride	0.324	0.3	mg/L	dup
CUGRUS	5/17/2002	Nitrite	0	0.031	mg/L	dup
CUGRUS	5/17/2002	Nitrate	0	0.03	mg/L	dup
CUGRUS	5/17/2002	Sulfate	0.271	0.3	mg/L	dup
CUGRUS	5/17/2002	Fluoride	7.75	0.0606	mg/L	ms
CUGRUS	5/17/2002	Chloride	40.1	0.303	mg/L	ms
CUGRUS	5/17/2002	Nitrite	2.04	0.0313	mg/L	ms
CUGRUS	5/17/2002	Nitrate	4.06	0.0303	mg/L	ms
CUGRUS	5/17/2002	Sulfate	41.4	0.303	mg/L	ms
CUGRUS	5/29/2002	TOC	0.809	0.5	mg/L	sample
CUGRDS1	5/29/2002	TOC	1.34	0.5	mg/L	sample
CUGRDS2	5/29/2002	TOC	1.27	0.5	mg/L	sample
CUGRHB	5/29/2002	TOC	1.07	0.5	mg/L	sample
CUGRUS	5/29/2002	TOC	10.2	0.5	mg/L	ms
CUGRUS	5/29/2002	TOC	10.2	0.5	mg/L	msd
	5/21/2002	Barium	0	0.005	mg/L	blank
	5/21/2002	Beryllium	0	0.002	mg/L	blank
	5/21/2002	Chromium	0	0.01	mg/L	blank
	5/21/2002	Copper	0	0.01	mg/L	blank
	5/21/2002	Iron	0	0.1	mg/L	blank
	5/21/2002	Manganese	0	0.01	mg/L	blank
	5/21/2002	Nickel	0	0.01	mg/L	blank
	5/21/2002	Sodium	0	1	mg/L	blank
	5/21/2002	Zinc	0	0.01	mg/L	blank
	5/21/2002	Arsenic	0	0.001	mg/L	blank
	5/21/2002	Antimony	0.000128	0.003	mg/L	blank

5/21/2002	Cadmium	0	0.0005	mg/L	blank	
5/21/2002	Lead	7.6e-005	0.0005	mg/L	blank	J
5/21/2002	Selenium	0	0.003	mg/L	blank	
5/21/2002	Silver	1e-005	0.0005	mg/L	blank	J
5/21/2002	Thallium	6e-006	0.0005	mg/L	blank	J
5/17/2002	Mercury	0	0.0002	mg/L	blank	
5/17/2002	Mercury	0.00239	0.0002	mg/L	bs	
5/17/2002	Mercury	0.00242	0.0002	mg/L	bsd	
5/22/2002	Tetrachloro-m-xylene	72.4		%	blank	
5/22/2002	Decachlorobiphenyl	88.4		%	blank	
5/22/2002	Aldrin	0	0.001	ug/L	blank	
5/22/2002	alpha-BHC	0	0.001	ug/L	blank	
5/22/2002	beta-BHC	0	0.001	ug/L	blank	
5/22/2002	delta-BHC	0	0.001	ug/L	blank	
5/22/2002	gamma-BHC (Lindane)	0	0.001	ug/L	blank	
5/22/2002	Chlordane (technical)	0	0.01	ug/L	blank	
5/22/2002	4,4'-DDD	0	0.002	ug/L	blank	
5/22/2002	4,4'-DDE	0	0.002	ug/L	blank	
5/22/2002	4,4'-DDT	0	0.002	ug/L	blank	
5/22/2002	Dieldrin	0	0.002	ug/L	blank	
5/22/2002	Endosulfan I	0	0.001	ug/L	blank	
5/22/2002	Endosulfan II	0	0.002	ug/L	blank	
5/22/2002	Endosulfan sulfate	0	0.002	ug/L	blank	
5/22/2002	Endrin	0	0.002	ug/L	blank	
5/22/2002	Endrin aldehyde	0	0.002	ug/L	blank	
5/22/2002	Heptachlor	0	0.001	ug/L	blank	
5/22/2002	Heptachlor epoxide	0	0.001	ug/L	blank	
5/22/2002	Methoxychlor	0	0.01	ug/L	blank	
5/22/2002	Endrin ketone	0	0.002	ug/L	blank	
5/22/2002	Toxaphene	0	0.1	ug/L	blank	
5/22/2002	Tetrachloro-m-xylene	76.9		%	bs	
5/22/2002	Decachlorobiphenyl	95.9		%	bs	
5/22/2002	Aldrin	0.017	0.001	ug/L	bs	C1
5/22/2002	gamma-BHC (Lindane)	0.0173	0.001	ug/L	bs	C1
5/22/2002	4,4'-DDT	0.0409	0.002	ug/L	bs	C1
5/22/2002	Dieldrin	0.0444	0.002	ug/L	bs	C1
5/22/2002	Endrin	0.048	0.002	ug/L	bs	C1
5/22/2002	Heptachlor	0.0175	0.001	ug/L	bs	C1
5/22/2002	Tetrachloro-m-xylene	72.8		%	bsd	
5/22/2002	Decachlorobiphenyl	85.9		%	bsd	
5/22/2002	Aldrin	0.0165	0.001	ug/L	bsd	C1
5/22/2002	gamma-BHC (Lindane)	0.0171	0.001	ug/L	bsd	C1
5/22/2002	4,4'-DDT	0.0401	0.002	ug/L	bsd	C1
5/22/2002	Dieldrin	0.0436	0.002	ug/L	bsd	C1
5/22/2002	Endrin	0.0465	0.002	ug/L	bsd	C1
5/22/2002	Heptachlor	0.0175	0.001	ug/L	bsd	C1
5/20/2002	Tributyl Phosphate	76.7		%	blank	
5/20/2002	Triphenyl Phosphate	109		%	blank	
5/20/2002	Dichlorvos	0	0.2	ug/L	blank	
5/20/2002	Mevinphos	0	0.2	ug/L	blank	

5/20/2002	Ethoprop	0	0.3	ug/L	blank
5/20/2002	Naled	0	0.2	ug/L	blank
5/20/2002	Sulfotepp	0	0.1	ug/L	blank
5/20/2002	Monocrotophos	0	0.1	ug/L	blank
5/20/2002	Phorate	0	0.15	ug/L	blank
5/20/2002	Dimethoate	0	0.5	ug/L	blank
5/20/2002	Demeton,o-s	0	0.2	ug/L	blank
5/20/2002	Diazinon	0	0.2	ug/L	blank
5/20/2002	Disulfoton	0	0.15	ug/L	blank
5/20/2002	Parathion,methyl	0	0.3	ug/L	blank
5/20/2002	Ronnel	0	0.2	ug/L	blank
5/20/2002	Chlorpyrifos	0	0.15	ug/L	blank
5/20/2002	Malathion	0	0.2	ug/L	blank
5/20/2002	Fenthion	0	0.1	ug/L	blank
5/20/2002	Parathion	0	0.15	ug/L	blank
5/20/2002	Trichloronate	0	0.1	ug/L	blank
5/20/2002	Tetrachlorvinphos	0	0.1	ug/L	blank
5/20/2002	Merphos	0	0.15	ug/L	blank
5/20/2002	Tokuthion	0	0.15	ug/L	blank
5/20/2002	Fensulfothion	0	0.15	ug/L	blank
5/20/2002	Bolstar	0	0.1	ug/L	blank
5/20/2002	EPN	0	0.1	ug/L	blank
5/20/2002	Azinphos,methyl	0	0.15	ug/L	blank
5/20/2002	Coumaphos	0	0.15	ug/L	blank
5/20/2002	Tributyl Phosphate	76.4		%	bs
5/20/2002	Triphenyl Phosphate	87.2		%	bs
5/20/2002	Diazinon	8.98	0.2	ug/L	bs
5/20/2002	Chlorpyrifos	9.17	0.15	ug/L	bs
5/20/2002	Malathion	9.11	0.2	ug/L	bs
5/20/2002	Azinphos,methyl	10.1	0.15	ug/L	bs
5/20/2002	Tributyl Phosphate	71.5		%	bsd
5/20/2002	Triphenyl Phosphate	70.4		%	bsd
5/20/2002	Diazinon	7.47	0.2	ug/L	bsd
5/20/2002	Chlorpyrifos	8.96	0.15	ug/L	bsd
5/20/2002	Malathion	7.22	0.2	ug/L	bsd
5/20/2002	Azinphos,methyl	9.5	0.15	ug/L	bsd
5/20/2002	2,4-Dichlorophenylacetic acid	100		%	blank
5/20/2002	Dalapon	0	0.1	ug/L	blank
5/20/2002	4-Nitrophenol	0	0.1	ug/L	blank
5/20/2002	Dicamba	0	0.1	ug/L	blank
5/20/2002	Dichlorprop	0	0.1	ug/L	blank
5/20/2002	2,4-D	0	0.1	ug/L	blank
5/20/2002	Pentachlorophenol	0	0.1	ug/L	blank
5/20/2002	Silvex (2,4,5-TP)	0	0.1	ug/L	blank
5/20/2002	2,4,5-T	0	0.2	ug/L	blank
5/20/2002	Dinoseb	0	0.1	ug/L	blank
5/20/2002	2,4-DB	0	0.2	ug/L	blank
5/20/2002	MCPP	0	0.1	ug/L	blank
5/20/2002	MCPA	0	0.1	ug/L	blank
5/20/2002	2,4-Dichlorophenylacetic acid	101		%	bs

5/20/2002	Dalapon	4.4	0.1	ug/L	bs
5/20/2002	Dicamba	8.4	0.1	ug/L	bs
5/20/2002	2,4-D	10.6	0.1	ug/L	bs
5/20/2002	Pentachlorophenol	10.1	0.1	ug/L	bs
5/20/2002	Silvex (2,4,5-TP)	11.1	0.1	ug/L	bs
5/20/2002	Dinoseb	9	0.1	ug/L	bs
5/20/2002	MCPP	11.2	0.1	ug/L	bs
5/20/2002	2,4-Dichlorophenylacetic acid	96.7		%	bsd
5/20/2002	Dalapon	4.02	0.1	ug/L	bsd
5/20/2002	Dicamba	8.42	0.1	ug/L	bsd
5/20/2002	2,4-D	10.4	0.1	ug/L	bsd
5/20/2002	Pentachlorophenol	9.72	0.1	ug/L	bsd
5/20/2002	Silvex (2,4,5-TP)	10.6	0.1	ug/L	bsd
5/20/2002	Dinoseb	8.89	0.1	ug/L	bsd
5/20/2002	MCPP	10.8	0.1	ug/L	bsd
5/22/2002	2 - Fluorophenol	61.8		%	blank
5/22/2002	Phenol - d5	40.2		%	blank
5/22/2002	2,4,6 - Tribromophenol	101		%	blank
5/22/2002	Phenol	0	1	ug/L	blank
5/22/2002	bis(2-Chloroethyl)ether	0	1	ug/L	blank
5/22/2002	2-Chlorophenol	0	1	ug/L	blank
5/22/2002	1,3-Dichlorobenzene	0	1	ug/L	blank
5/22/2002	1,4-Dichlorobenzene	0	1	ug/L	blank
5/22/2002	Benzyl Alcohol	0	1	ug/L	blank
5/22/2002	1,2-Dichlorobenzene	0	1	ug/L	blank
5/22/2002	2-Methylphenol	0	1	ug/L	blank
5/22/2002	bis(2-Chloroisopropyl)ether	0	1	ug/L	blank
5/22/2002	3-&4-Methylphenol	0	2	ug/L	blank
5/22/2002	N-nitroso-di-n-propylamine	0	1	ug/L	blank
5/22/2002	Hexachloroethane	0	1	ug/L	blank
5/22/2002	Nitrobenzene	0	1	ug/L	blank
5/22/2002	Isophorone	0	1	ug/L	blank
5/22/2002	2-Nitrophenol	0	1	ug/L	blank
5/22/2002	2,4-Dimethylphenol	0	1	ug/L	blank
5/22/2002	Benzoic Acid	0	5	ug/L	blank
5/22/2002	bis(2-Chloroethoxy)methane	0	1	ug/L	blank
5/22/2002	2,4-Dichlorophenol	0	1	ug/L	blank
5/22/2002	1,2,4-Trichlorobenzene	0	1	ug/L	blank
5/22/2002	Naphthalene	0	0.1	ug/L	blank
5/22/2002	4-Chloroaniline	0	1	ug/L	blank
5/22/2002	Hexachlorobutadiene	0	1	ug/L	blank
5/22/2002	4-Chloro-3-methylphenol	0	1	ug/L	blank
5/22/2002	2-Methylnaphthalene	0	1	ug/L	blank
5/22/2002	Hexachlorocyclopentadiene	0	1	ug/L	blank
5/22/2002	2,4,6-Trichlorophenol	0	1	ug/L	blank
5/22/2002	2,4,5-Trichlorophenol	0	1	ug/L	blank
5/22/2002	2-Chloronaphthalene	0	0.1	ug/L	blank
5/22/2002	2-Nitroaniline	0	1	ug/L	blank
5/22/2002	Dimethylphthalate	0	1	ug/L	blank
5/22/2002	Acenaphthylene	0	0.1	ug/L	blank

5/22/2002	2,6-Dinitrotoluene	0	1	ug/L	blank
5/22/2002	3-Nitroaniline	0	1	ug/L	blank
5/22/2002	Acenaphthene	0	0.1	ug/L	blank
5/22/2002	2,4-Dinitrophenol	0	5	ug/L	blank
5/22/2002	4-Nitrophenol	0	5	ug/L	blank
5/22/2002	Dibenzofuran	0	1	ug/L	blank
5/22/2002	2,4-Dinitrotoluene	0	1	ug/L	blank
5/22/2002	Diethylphthalate	0	1	ug/L	blank
5/22/2002	4-Chlorophenylphenylether	0	1	ug/L	blank
5/22/2002	Fluorene	0	0.1	ug/L	blank
5/22/2002	4-Nitroaniline	0	1	ug/L	blank
5/22/2002	4,6-Dinitro-2-methylphenol	0	5	ug/L	blank
5/22/2002	N-Nitrosodiphenylamine	0	1	ug/L	blank
5/22/2002	4-Bromophenylphenylether	0	1	ug/L	blank
5/22/2002	Hexachlorobenzene	0	1	ug/L	blank
5/22/2002	Pentachlorophenol	0	1	ug/L	blank
5/22/2002	Phanthrene	0	0.1	ug/L	blank
5/22/2002	Anthracene	0	0.1	ug/L	blank
5/22/2002	Di-n-butylphthalate	0	5	ug/L	blank
5/22/2002	Fluoranthene	0	0.1	ug/L	blank
5/22/2002	Pyrene	0	0.1	ug/L	blank
5/22/2002	Butylbenzylphthalate	0	5	ug/L	blank
5/22/2002	3,3'-Dichlorobenzidine	0	1	ug/L	blank
5/22/2002	Benzo(a)anthracene	0	0.1	ug/L	blank
5/22/2002	Chrysene	0	0.1	ug/L	blank
5/22/2002	bis(2-Ethylhexyl)phthalate	0	1	ug/L	blank
5/22/2002	Di-n-octylphthalate	0	1	ug/L	blank
5/22/2002	Benzofluoranthenes	0	0.2	ug/L	blank
5/22/2002	Benzo(b)fluoranthene	0	0.1	ug/L	blank
5/22/2002	Benzo(k)fluoranthene	0	0.1	ug/L	blank
5/22/2002	Benzo(a)pyrene	0	0.1	ug/L	blank
5/22/2002	Indeno(1,2,3-cd)pyrene	0	0.1	ug/L	blank
5/22/2002	Dibenz(a,h)anthracene	0	0.1	ug/L	blank
5/22/2002	Benzo(g,h,i)perylene	0	0.1	ug/L	blank
5/22/2002	Atrazine	0	1	ug/L	blank
5/22/2002	2 - Fluorophenol	40.5		%	bs
5/22/2002	Phenol - d5	31.3		%	bs
5/22/2002	2,4,6 - Tribromophenol	104		%	bs
5/22/2002	Naphthalene	8.62	0.1	ug/L	bs
5/22/2002	2-Methylnaphthalene	9.16	1	ug/L	bs
5/22/2002	2-Chloronaphthalene	9.41	0.1	ug/L	bs
5/22/2002	Acenaphthylene	7.58	0.1	ug/L	bs
5/22/2002	Acenaphthene	10.1	0.1	ug/L	bs
5/22/2002	Fluorene	11	0.1	ug/L	bs
5/22/2002	Phenanthrene	8.1	0.1	ug/L	bs
5/22/2002	Anthracene	10.5	0.1	ug/L	bs
5/22/2002	Fluoranthene	8.3	0.1	ug/L	bs
5/22/2002	Pyrene	9.17	0.1	ug/L	bs
5/22/2002	Benzo(a)anthracene	9.11	0.1	ug/L	bs
5/22/2002	Chrysene	11.3	0.1	ug/L	bs

5/22/2002	Benzofluoranthenes	19.7	0.2	ug/L	bs
5/22/2002	Benzo(a)pyrene	9.41	0.1	ug/L	bs
5/22/2002	Indeno(1,2,3-cd)pyrene	9.98	0.1	ug/L	bs
5/22/2002	Dibenz(a,h)anthracene	9.86	0.1	ug/L	bs
5/22/2002	Benzo(g,h,i)perylene	10.2	0.1	ug/L	bs
5/22/2002	Atrazine	22.4	1	ug/L	bs
5/22/2002	2 - Fluorophenol	37.1		%	bsd
5/22/2002	Phenol - d5	25.1		%	bsd
5/22/2002	2,4,6 - Tribromophenol	87.5		%	bsd
5/22/2002	Naphthalene	7.56	0.1	ug/L	bsd
5/22/2002	2-Methylnaphthalene	7.6	1	ug/L	bsd
5/22/2002	2-Chloronaphthalene	7.43	0.1	ug/L	bsd
5/22/2002	Acenaphthylene	5.95	0.1	ug/L	bsd
5/22/2002	Acenaphthene	7.88	0.1	ug/L	bsd
5/22/2002	Fluorene	7.33	0.1	ug/L	bsd
5/22/2002	Phenanthrene	7.34	0.1	ug/L	bsd
5/22/2002	Anthracene	8.73	0.1	ug/L	bsd
5/22/2002	Fluoranthene	6.91	0.1	ug/L	bsd
5/22/2002	Pyrene	7.72	0.1	ug/L	bsd
5/22/2002	Benzo(a)anthracene	7.64	0.1	ug/L	bsd
5/22/2002	Chrysene	7.35	0.1	ug/L	bsd
5/22/2002	Benzofluoranthenes	17.2	0.2	ug/L	bsd
5/22/2002	Benzo(a)pyrene	7.95	0.1	ug/L	bsd
5/22/2002	Indeno(1,2,3-cd)pyrene	8.7	0.1	ug/L	bsd
5/22/2002	Dibenz(a,h)anthracene	8.43	0.1	ug/L	bsd
5/22/2002	Benzo(g,h,i)perylene	9.08	0.1	ug/L	bsd
5/22/2002	Atrazine	15.1	1	ug/L	bsd
5/17/2002	Nitrate	0	0.03	mg/L	blank
5/17/2002	Chloride	38.1	0.3	mg/L	bs
5/17/2002	Nitrite	1.98	0.031	mg/L	bs
5/17/2002	Nitrate	3.86	0.03	mg/L	bs
5/17/2002	Sulfate	39.7	0.3	mg/L	bs
5/29/2002	TOC	0	0.5	mg/L	blank

Samples collected on 6/3/02 at 0645 (CUGRHB2) and 0425 hours

ClientNO	DatAnal	Parameter	Results	PQL	Units	Sample Type	Flags
CUGRDS4	6/7/2002	Barium	0.00445	0.005	mg/L	sample	J
CUGRDS4	6/7/2002	Beryllium	0	0.002	mg/L	sample	
CUGRDS4	6/7/2002	Chromium	0.000641	0.01	mg/L	sample	J
CUGRDS4	6/7/2002	Copper	0	0.01	mg/L	sample	
CUGRDS4	6/7/2002	Iron	0.548	0.1	mg/L	sample	
CUGRDS4	6/7/2002	Manganese	0.0207	0.01	mg/L	sample	
CUGRDS4	6/7/2002	Nickel	0	0.01	mg/L	sample	
CUGRDS4	6/7/2002	Sodium	2.75	1	mg/L	sample	B1
CUGRDS4	6/7/2002	Zinc	0.00446	0.01	mg/L	sample	J B1
CUGRHB2	6/7/2002	Copper	0	0.01	mg/L	sample	
CUGRHB2	6/7/2002	Copper	0	0.01	mg/L	dup	
CUGRHB2	6/7/2002	Copper	0.459	0.01	mg/L	ms	
CUGRDS4	6/10/2002	Arsenic	0.000625	0.001	mg/L	sample	J
CUGRDS4	6/10/2002	Antimony	0.000656	0.003	mg/L	sample	J B1

CUGRDS4	6/10/2002	Cadmium	0	0.0005	mg/L	sample	
CUGRDS4	6/10/2002	Lead	0.000143	0.0005	mg/L	sample	J B1
CUGRDS4	6/10/2002	Selenium	0	0.003	mg/L	sample	
CUGRDS4	6/10/2002	Silver	0.000103	0.0005	mg/L	sample	J B1
CUGRDS4	6/10/2002	Thallium	8.9e-005	0.0005	mg/L	sample	J
CUGRHB2	6/10/2002	Arsenic	0.000265	0.001	mg/L	sample	J
CUGRHB2	6/10/2002	Antimony	0.000764	0.003	mg/L	sample	J B1
CUGRHB2	6/10/2002	Cadmium	0	0.0005	mg/L	sample	
CUGRHB2	6/10/2002	Lead	0.000318	0.0005	mg/L	sample	J B1
CUGRHB2	6/10/2002	Selenium	0	0.003	mg/L	sample	
CUGRHB2	6/10/2002	Silver	0.000262	0.0005	mg/L	sample	J B1
CUGRHB2	6/10/2002	Thallium	2.6e-005	0.0005	mg/L	sample	J
CUGRDS4	6/12/2002	Mercury	0	0.0002	mg/L	sample	
CUGRHB2	6/12/2002	Mercury	0	0.0002	mg/L	sample	
CUGRDS4	6/14/2002	Tetrachloro-m-xylene	75.6		%	sample	
CUGRDS4	6/14/2002	Decachlorobiphenyl	90.2		%	sample	
CUGRDS4	6/14/2002	Aldrin	0	0.00102	ug/L	sample	
CUGRDS4	6/14/2002	alpha-BHC	0	0.00102	ug/L	sample	
CUGRDS4	6/14/2002	beta-BHC	0	0.00102	ug/L	sample	
CUGRDS4	6/14/2002	delta-BHC	0	0.00102	ug/L	sample	
CUGRDS4	6/14/2002	gamma-BHC (Lindane)	0	0.00102	ug/L	sample	
CUGRDS4	6/14/2002	Chlordane (technical)	0	0.0102	ug/L	sample	
CUGRDS4	6/14/2002	4,4'-DDD	0	0.00204	ug/L	sample	
CUGRDS4	6/14/2002	4,4'-DDE	0	0.00204	ug/L	sample	
CUGRDS4	6/14/2002	4,4'-DDT	0	0.00204	ug/L	sample	
CUGRDS4	6/14/2002	Dieldrin	0	0.00204	ug/L	sample	
CUGRDS4	6/14/2002	Endosulfan I	0	0.00102	ug/L	sample	
CUGRDS4	6/14/2002	Endosulfan II	0	0.00204	ug/L	sample	
CUGRDS4	6/14/2002	Endosulfan sulfate	0	0.00204	ug/L	sample	
CUGRDS4	6/14/2002	Endrin	0	0.00204	ug/L	sample	
CUGRDS4	6/14/2002	Endrin aldehyde	0	0.00204	ug/L	sample	
CUGRDS4	6/14/2002	Heptachlor	0	0.00102	ug/L	sample	
CUGRDS4	6/14/2002	Heptachlor epoxide	0	0.00102	ug/L	sample	
CUGRDS4	6/14/2002	Methoxychlor	0	0.0102	ug/L	sample	
CUGRDS4	6/14/2002	Endrin ketone	0	0.00204	ug/L	sample	
CUGRDS4	6/14/2002	Toxaphene	0	0.102	ug/L	sample	
CUGRHB2	6/14/2002	Tetrachloro-m-xylene	78.9		%	sample	
CUGRHB2	6/14/2002	Decachlorobiphenyl	91.2		%	sample	
CUGRHB2	6/14/2002	Aldrin	0	0.000956	ug/L	sample	
CUGRHB2	6/14/2002	alpha-BHC	0	0.000956	ug/L	sample	
CUGRHB2	6/14/2002	beta-BHC	0	0.000956	ug/L	sample	
CUGRHB2	6/14/2002	delta-BHC	0	0.000956	ug/L	sample	
CUGRHB2	6/14/2002	gamma-BHC (Lindane)	0	0.000956	ug/L	sample	
CUGRHB2	6/14/2002	Chlordane (technical)	0	0.00956	ug/L	sample	
CUGRHB2	6/14/2002	4,4'-DDD	0	0.00191	ug/L	sample	
CUGRHB2	6/14/2002	4,4'-DDE	0	0.00191	ug/L	sample	
CUGRHB2	6/14/2002	4,4'-DDT	0	0.00191	ug/L	sample	
CUGRHB2	6/14/2002	Dieldrin	0	0.00191	ug/L	sample	
CUGRHB2	6/14/2002	Endosulfan I	0	0.000956	ug/L	sample	
CUGRHB2	6/14/2002	Endosulfan II	0	0.00191	ug/L	sample	

CUGRHB2	6/14/2002	Endosulfan sulfate	0	0.00191	ug/L	sample
CUGRHB2	6/14/2002	Endrin	0	0.00191	ug/L	sample
CUGRHB2	6/14/2002	Endrin aldehyde	0	0.00191	ug/L	sample
CUGRHB2	6/14/2002	Heptachlor	0	0.000956	ug/L	sample
CUGRHB2	6/14/2002	Heptachlor epoxide	0	0.000956	ug/L	sample
CUGRHB2	6/14/2002	Methoxychlor	0	0.00956	ug/L	sample
CUGRHB2	6/14/2002	Endrin ketone	0	0.00191	ug/L	sample
CUGRHB2	6/14/2002	Toxaphene	0	0.0956	ug/L	sample
CUGRDS4	6/10/2002	Tributyl Phosphate	89.7		%	sample
CUGRDS4	6/10/2002	Triphenyl Phosphate	84.2		%	sample
CUGRDS4	6/10/2002	Dichlorvos	0	0.0198	ug/L	sample
CUGRDS4	6/10/2002	Mevinphos	0	0.0198	ug/L	sample
CUGRDS4	6/10/2002	Ethoprop	0	0.0297	ug/L	sample
CUGRDS4	6/10/2002	Naled	0	0.0198	ug/L	sample
CUGRDS4	6/10/2002	Sulfotep	0	0.0099	ug/L	sample
CUGRDS4	6/10/2002	Monocrotophos	0	0.0099	ug/L	sample
CUGRDS4	6/10/2002	Phorate	0	0.0149	ug/L	sample
CUGRDS4	6/10/2002	Dimethoate	0	0.0495	ug/L	sample
CUGRDS4	6/10/2002	Demeton,o-s	0	0.0198	ug/L	sample
CUGRDS4	6/10/2002	Diazinon	0	0.0198	ug/L	sample
CUGRDS4	6/10/2002	Disulfoton	0	0.0149	ug/L	sample
CUGRDS4	6/10/2002	Parathion,methyl	0	0.0297	ug/L	sample
CUGRDS4	6/10/2002	Ronnel	0	0.0198	ug/L	sample
CUGRDS4	6/10/2002	Chlorpyrifos	0	0.0149	ug/L	sample
CUGRDS4	6/10/2002	Malathion	0	0.0198	ug/L	sample
CUGRDS4	6/10/2002	Fenthion	0	0.0099	ug/L	sample
CUGRDS4	6/10/2002	Parathion	0	0.0149	ug/L	sample
CUGRDS4	6/10/2002	Trichloronate	0	0.0099	ug/L	sample
CUGRDS4	6/10/2002	Tetrachlorvinphos	0	0.0099	ug/L	sample
CUGRDS4	6/10/2002	Merphos	0	0.0149	ug/L	sample
CUGRDS4	6/10/2002	Tokuthion	0	0.0149	ug/L	sample
CUGRDS4	6/10/2002	Fensulfothion	0	0.0149	ug/L	sample
CUGRDS4	6/10/2002	Bolstar	0	0.0099	ug/L	sample
CUGRDS4	6/10/2002	EPN	0	0.0099	ug/L	sample
CUGRDS4	6/10/2002	Azinphos,methyl	0	0.0149	ug/L	sample
CUGRDS4	6/10/2002	Coumaphos	0	0.0149	ug/L	sample
CUGRHB2	6/10/2002	Tributyl Phosphate	96.5		%	sample
CUGRHB2	6/10/2002	Triphenyl Phosphate	90.7		%	sample
CUGRHB2	6/10/2002	Dichlorvos	0	0.019	ug/L	sample
CUGRHB2	6/10/2002	Mevinphos	0	0.019	ug/L	sample
CUGRHB2	6/10/2002	Ethoprop	0	0.0285	ug/L	sample
CUGRHB2	6/10/2002	Naled	0	0.019	ug/L	sample
CUGRHB2	6/10/2002	Sulfotep	0	0.00951	ug/L	sample
CUGRHB2	6/10/2002	Monocrotophos	0	0.00951	ug/L	sample
CUGRHB2	6/10/2002	Phorate	0	0.0143	ug/L	sample
CUGRHB2	6/10/2002	Dimethoate	0	0.0476	ug/L	sample
CUGRHB2	6/10/2002	Demeton,o-s	0	0.019	ug/L	sample
CUGRHB2	6/10/2002	Diazinon	0	0.019	ug/L	sample
CUGRHB2	6/10/2002	Disulfoton	0	0.0143	ug/L	sample
CUGRHB2	6/10/2002	Parathion,methyl	0	0.0285	ug/L	sample

CUGRHB2	6/10/2002	Ronnel	0	0.019	ug/L	sample
CUGRHB2	6/10/2002	Chlorpyrifos	0	0.0143	ug/L	sample
CUGRHB2	6/10/2002	Malathion	0	0.019	ug/L	sample
CUGRHB2	6/10/2002	Fenthion	0	0.00951	ug/L	sample
CUGRHB2	6/10/2002	Parathion	0	0.0143	ug/L	sample
CUGRHB2	6/10/2002	Trichloronate	0	0.00951	ug/L	sample
CUGRHB2	6/10/2002	Tetrachlorvinphos	0	0.00951	ug/L	sample
CUGRHB2	6/10/2002	Merphos	0	0.0143	ug/L	sample
CUGRHB2	6/10/2002	Tokuthion	0	0.0143	ug/L	sample
CUGRHB2	6/10/2002	Fensulfothion	0	0.0143	ug/L	sample
CUGRHB2	6/10/2002	Bolstar	0	0.00951	ug/L	sample
CUGRHB2	6/10/2002	EPN	0	0.00951	ug/L	sample
CUGRHB2	6/10/2002	Azinphos,methyl	0	0.0143	ug/L	sample
CUGRHB2	6/10/2002	Coumaphos	0	0.0143	ug/L	sample
CUGRDS4	6/10/2002	2,4-Dichlorophenylacetic acid	101		%	sample
CUGRDS4	6/10/2002	Dalapon	0	0.0497	ug/L	sample
CUGRDS4	6/10/2002	4-Nitrophenol	0	0.0497	ug/L	sample
CUGRDS4	6/10/2002	Dicamba	0	0.0497	ug/L	sample
CUGRDS4	6/10/2002	Dichloroprop	0	0.0497	ug/L	sample
CUGRDS4	6/10/2002	2,4-D	0	0.0497	ug/L	sample
CUGRDS4	6/10/2002	Pentachlorophenol	0	0.0497	ug/L	sample
CUGRDS4	6/10/2002	Silvex (2,4,5-TP)	0	0.0497	ug/L	sample
CUGRDS4	6/10/2002	2,4,5-T	0	0.0994	ug/L	sample
CUGRDS4	6/10/2002	Dinoseb	0	0.0497	ug/L	sample
CUGRDS4	6/10/2002	2,4-DB	0	0.0994	ug/L	sample
CUGRDS4	6/10/2002	MCPP	0	0.0497	ug/L	sample
CUGRDS4	6/10/2002	MCPA	0	0.0497	ug/L	sample
CUGRHB2	6/10/2002	2,4-Dichlorophenylacetic acid	102		%	sample
CUGRHB2	6/10/2002	Dalapon	0	0.0479	ug/L	sample
CUGRHB2	6/10/2002	4-Nitrophenol	0	0.0479	ug/L	sample
CUGRHB2	6/10/2002	Dicamba	0	0.0479	ug/L	sample
CUGRHB2	6/10/2002	Dichloroprop	0	0.0479	ug/L	sample
CUGRHB2	6/10/2002	2,4-D	0	0.0479	ug/L	sample
CUGRHB2	6/10/2002	Pentachlorophenol	0	0.0479	ug/L	sample
CUGRHB2	6/10/2002	Silvex (2,4,5-TP)	0	0.0479	ug/L	sample
CUGRHB2	6/10/2002	2,4,5-T	0	0.0958	ug/L	sample
CUGRHB2	6/10/2002	Dinoseb	0	0.0479	ug/L	sample
CUGRHB2	6/10/2002	2,4-DB	0	0.0958	ug/L	sample
CUGRHB2	6/10/2002	MCPP	0	0.0479	ug/L	sample
CUGRHB2	6/10/2002	MCPA	0	0.0479	ug/L	sample
CUGRDS4	6/10/2002	Nitrobenzene - d5	64.5		%	sample
CUGRDS4	6/10/2002	2 - Fluorobiphenyl	59.3		%	sample
CUGRDS4	6/10/2002	p - Terphenyl - d14	74.7		%	sample
CUGRDS4	6/10/2002	Naphthalene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	2-Methylnaphthalene	0	0.0982	ug/L	sample
CUGRDS4	6/10/2002	2-Chloronaphthalene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Acenaphthylene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Acenaphthene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Fluorene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Phenanthrene	0	0.00982	ug/L	sample

CUGRDS4	6/10/2002	Anthracene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Fluoranthene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Pyrene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Benzo(a)anthracene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Chrysene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Benzofluoranthenes	0	0.0196	ug/L	sample
CUGRDS4	6/10/2002	Benzo(a)pyrene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Indeno(1,2,3-cd)pyrene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Dibenz(a,h)anthracene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Benzo(g,h,i)perylene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Atrazine	0	0.0982	ug/L	sample
CUGRHB2	6/10/2002	Nitrobenzene - d5	66.9		%	sample
CUGRHB2	6/10/2002	2 - Fluorobiphenyl	54.8		%	sample N
CUGRHB2	6/10/2002	p - Terphenyl - d14	78.1		%	sample
CUGRHB2	6/10/2002	Naphthalene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	2-Methylnaphthalene	0	0.0955	ug/L	sample
CUGRHB2	6/10/2002	2-Chloronaphthalene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Acenaphthylene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Acenaphthene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Fluorene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Phenanthrene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Anthracene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Fluoranthene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Pyrene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Benzo(a)anthracene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Chrysene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Benzofluoranthenes	0	0.0191	ug/L	sample
CUGRHB2	6/10/2002	Benzo(a)pyrene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Indeno(1,2,3-cd)pyrene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Dibenz(a,h)anthracene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Benzo(g,h,i)perylene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Atrazine	0	0.0955	ug/L	sample
CUGRDS4	6/6/2002	Fluoride	0	0.06	mg/L	sample
CUGRDS4	6/6/2002	Chloride	0.368	0.3	mg/L	sample
CUGRDS4	6/6/2002	Nitrite as N	0	0.031	mg/L	sample
CUGRDS4	6/6/2002	Nitrate as N	0.017	0.03	mg/L	sample J
CUGRDS4	6/6/2002	Sulfate	0.237	0.3	mg/L	sample J
CUGRHB2	6/6/2002	Fluoride	0	0.06	mg/L	sample
CUGRHB2	6/6/2002	Chloride	0.683	0.3	mg/L	sample
CUGRHB2	6/6/2002	Nitrite as N	0	0.031	mg/L	sample
CUGRHB2	6/6/2002	Nitrate as N	0	0.03	mg/L	sample
CUGRHB2	6/6/2002	Sulfate	0.546	0.3	mg/L	sample
CUGRDS4	6/6/2002	Fluoride	0	0.06	mg/L	dup
CUGRDS4	6/6/2002	Chloride	0.368	0.3	mg/L	dup
CUGRDS4	6/6/2002	Nitrite as N	0	0.031	mg/L	dup
CUGRDS4	6/6/2002	Nitrate as N	0.017	0.03	mg/L	dup J
CUGRDS4	6/6/2002	Sulfate	0.266	0.3	mg/L	dup J
CUGRDS4	6/6/2002	Fluoride	7.98	0.0606	mg/L	ms
CUGRDS4	6/6/2002	Chloride	40.2	0.303	mg/L	ms
CUGRDS4	6/6/2002	Nitrite as N	2.05	0.0313	mg/L	ms

CUGRDS4	6/6/2002	Nitrate as N	4.05	0.0303	mg/L	ms
CUGRDS4	6/6/2002	Sulfate	41.1	0.303	mg/L	ms
CUGRDS4	6/13/2002	TOC	1.76	0.5	mg/L	sample
CUGRHB2	6/13/2002	TOC	1.36	0.5	mg/L	sample
CUGRDS4	6/13/2002	TOC	12	0.5	mg/L	ms
CUGRDS4	6/13/2002	TOC	12.2	0.5	mg/L	msd
	6/7/2002	Barium	0	0.005	mg/L	blank
	6/7/2002	Beryllium	0	0.002	mg/L	blank
	6/7/2002	Chromium	0	0.01	mg/L	blank
	6/7/2002	Copper	0	0.01	mg/L	blank
	6/7/2002	Iron	0	0.1	mg/L	blank
	6/7/2002	Manganese	0	0.01	mg/L	blank
	6/7/2002	Nickel	0	0.01	mg/L	blank
	6/7/2002	Sodium	0.647	1	mg/L	blank
	6/7/2002	Zinc	0.0012	0.01	mg/L	blank
	6/12/2002	Mercury	0	0.0002	mg/L	blank
	6/13/2002	Tetrachloro-m-xylene	68.4	%	blank	N
	6/13/2002	Decachlorobiphenyl	80.7	%	blank	
	6/13/2002	Aldrin	0	0.001	ug/L	blank
	6/13/2002	alpha-BHC	0	0.001	ug/L	blank
	6/13/2002	beta-BHC	0	0.001	ug/L	blank
	6/13/2002	delta-BHC	0	0.001	ug/L	blank
	6/13/2002	gamma-BHC (Lindane)	0	0.001	ug/L	blank
	6/13/2002	Chlordane (technical)	0	0.01	ug/L	blank
	6/13/2002	4,4'-DDD	0	0.002	ug/L	blank
	6/13/2002	4,4'-DDE	0	0.002	ug/L	blank
	6/13/2002	4,4'-DDT	0	0.002	ug/L	blank
	6/13/2002	Dieldrin	0	0.002	ug/L	blank
	6/13/2002	Endosulfan I	0	0.001	ug/L	blank
	6/13/2002	Endosulfan II	0	0.002	ug/L	blank
	6/13/2002	Endosulfan sulfate	0	0.002	ug/L	blank
	6/13/2002	Endrin	0	0.002	ug/L	blank
	6/13/2002	Endrin aldehyde	0	0.002	ug/L	blank
	6/13/2002	Heptachlor	0	0.001	ug/L	blank
	6/13/2002	Heptachlor epoxide	0	0.001	ug/L	blank
	6/13/2002	Methoxychlor	0	0.01	ug/L	blank
	6/13/2002	Endrin ketone	0	0.002	ug/L	blank
	6/13/2002	Toxaphene	0	0.1	ug/L	blank
	6/13/2002	Tetrachloro-m-xylene	77	%	bs	
	6/13/2002	Decachlorobiphenyl	90.8	%	bs	
	6/13/2002	Aldrin	0.017	0.001	ug/L	bs
	6/13/2002	gamma-BHC (Lindane)	0.0176	0.001	ug/L	bs
	6/13/2002	4,4'-DDT	0.0457	0.002	ug/L	bs
	6/13/2002	Dieldrin	0.0414	0.002	ug/L	bs
	6/13/2002	Endrin	0.0369	0.002	ug/L	bs
	6/13/2002	Heptachlor	0.0162	0.001	ug/L	bs
	6/14/2002	Tetrachloro-m-xylene	77.6	%	bsd	
	6/14/2002	Decachlorobiphenyl	88.7	%	bsd	
	6/14/2002	Aldrin	0.0197	0.001	ug/L	bsd
	6/14/2002	gamma-BHC (Lindane)	0.0192	0.001	ug/L	bsd
						C1
						C1
						C1
						C1
						C1
						C1
						C1

6/14/2002	4,4'-DDT	0.0477	0.002	ug/L	bsd	C1
6/14/2002	Dieldrin	0.0454	0.002	ug/L	bsd	C1
6/14/2002	Endrin	0.0404	0.002	ug/L	bsd	C1
6/14/2002	Heptachlor	0.0184	0.001	ug/L	bsd	C1
6/10/2002	Tributyl Phosphate	76.7		%	blank	
6/10/2002	Triphenyl Phosphate	86.1		%	blank	
6/10/2002	Dichlorvos	0	0.02	ug/L	blank	
6/10/2002	Mevinphos	0	0.02	ug/L	blank	
6/10/2002	Ethoprop	0	0.03	ug/L	blank	
6/10/2002	Naled	0	0.02	ug/L	blank	
6/10/2002	Sulfotepp	0	0.01	ug/L	blank	
6/10/2002	Monocrotophos	0	0.01	ug/L	blank	
6/10/2002	Phorate	0	0.015	ug/L	blank	
6/10/2002	Dimethoate	0	0.05	ug/L	blank	
6/10/2002	Demeton,o-s	0	0.02	ug/L	blank	
6/10/2002	Diazinon	0	0.02	ug/L	blank	
6/10/2002	Disulfoton	0	0.015	ug/L	blank	
6/10/2002	Parathion,methyl	0	0.03	ug/L	blank	
6/10/2002	Ronnel	0	0.02	ug/L	blank	
6/10/2002	Chlorpyrifos	0	0.015	ug/L	blank	
6/10/2002	Malathion	0	0.02	ug/L	blank	
6/10/2002	Fenthion	0	0.01	ug/L	blank	
6/10/2002	Parathion	0	0.015	ug/L	blank	
6/10/2002	Trichloronate	0	0.01	ug/L	blank	
6/10/2002	Tetrachlorvinphos	0	0.01	ug/L	blank	
6/10/2002	Merphos	0	0.015	ug/L	blank	
6/10/2002	Tokuthion	0	0.015	ug/L	blank	
6/10/2002	Fensulfothion	0	0.015	ug/L	blank	
6/10/2002	Bolstar	0	0.01	ug/L	blank	
6/10/2002	EPN	0	0.01	ug/L	blank	
6/10/2002	Azinphos,methyl	0	0.015	ug/L	blank	
6/10/2002	Coumaphos	0	0.015	ug/L	blank	
6/10/2002	Tributyl Phosphate	68		%	bs	
6/10/2002	Triphenyl Phosphate	91.8		%	bs	
6/10/2002	Diazinon	0.645	0.02	ug/L	bs	
6/10/2002	Chlorpyrifos	0.853	0.015	ug/L	bs	
6/10/2002	Malathion	0.99	0.02	ug/L	bs	
6/10/2002	Azinphos,methyl	0.802	0.015	ug/L	bs	
6/10/2002	Tributyl Phosphate	85.5		%	bsd	
6/10/2002	Triphenyl Phosphate	89.5		%	bsd	
6/10/2002	Diazinon	0.897	0.02	ug/L	bsd	
6/10/2002	Chlorpyrifos	0.958	0.015	ug/L	bsd	
6/10/2002	Malathion	1.07	0.02	ug/L	bsd	
6/10/2002	Azinphos,methyl	0.88	0.015	ug/L	bsd	
6/10/2002	2,4-Dichlorophenylacetic acid	84.2		%	blank	
6/10/2002	Dalapon	0	0.05	ug/L	blank	
6/10/2002	4-Nitrophenol	0	0.05	ug/L	blank	
6/10/2002	Dicamba	0	0.05	ug/L	blank	
6/10/2002	Dichlorprop	0	0.05	ug/L	blank	
6/10/2002	2,4-D	0	0.05	ug/L	blank	

6/10/2002	Pentachlorophenol	0	0.05	ug/L	blank
6/10/2002	Silvex (2,4,5-TP)	0	0.05	ug/L	blank
6/10/2002	2,4,5-T	0	0.1	ug/L	blank
6/10/2002	Dinoseb	0	0.05	ug/L	blank
6/10/2002	2,4-DB	0	0.1	ug/L	blank
6/10/2002	MCPP	0	0.05	ug/L	blank
6/10/2002	MCPA	0	0.05	ug/L	blank
6/10/2002	2,4-Dichlorophenylacetic acid	92.2		%	bs
6/10/2002	Dalapon	2.59	0.05	ug/L	bs
6/10/2002	Dicamba	3.79	0.05	ug/L	bs
6/10/2002	2,4-D	4.29	0.05	ug/L	bs
6/10/2002	Pentachlorophenol	4.18	0.05	ug/L	bs
6/10/2002	Silvex (2,4,5-TP)	4.49	0.05	ug/L	bs
6/10/2002	Dinoseb	3.97	0.05	ug/L	bs
6/10/2002	MCPP	4.77	0.05	ug/L	bs
6/10/2002	2,4-Dichlorophenylacetic acid	94.4		%	bsd
6/10/2002	Dalapon	2.73	0.05	ug/L	bsd
6/10/2002	Dicamba	3.9	0.05	ug/L	bsd
6/10/2002	2,4-D	4.42	0.05	ug/L	bsd
6/10/2002	Pentachlorophenol	4.36	0.05	ug/L	bsd
6/10/2002	Silvex (2,4,5-TP)	4.81	0.05	ug/L	bsd
6/10/2002	Dinoseb	4.53	0.05	ug/L	bsd
6/10/2002	MCPP	5.11	0.05	ug/L	bsd
6/10/2002	Nitrobenzene - d5	55.7		%	blank
6/10/2002	2 - Fluorobiphenyl	50.1		%	blank
6/10/2002	p - Terphenyl - d14	72.5		%	blank
6/10/2002	Naphthalene	0.00629	0.01	ug/L	blank
6/10/2002	2-Methylnaphthalene	0	0.1	ug/L	blank
6/10/2002	2-Chloronaphthalene	0	0.01	ug/L	blank
6/10/2002	Acenaphthylene	0	0.01	ug/L	blank
6/10/2002	Acenaphthene	0	0.01	ug/L	blank
6/10/2002	Fluorene	0	0.01	ug/L	blank
6/10/2002	Phenanthrene	0.00307	0.01	ug/L	blank
6/10/2002	Anthracene	0	0.01	ug/L	blank
6/10/2002	Fluoranthene	0	0.01	ug/L	blank
6/10/2002	Pyrene	0	0.01	ug/L	blank
6/10/2002	Benzo(a)anthracene	0	0.01	ug/L	blank
6/10/2002	Chrysene	0	0.01	ug/L	blank
6/10/2002	Benzofluoranthenes	0	0.02	ug/L	blank
6/10/2002	Benzo(a)pyrene	0	0.01	ug/L	blank
6/10/2002	Indeno(1,2,3-cd)pyrene	0	0.01	ug/L	blank
6/10/2002	Dibenz(a,h)anthracene	0	0.01	ug/L	blank
6/10/2002	Benzo(g,h,i)perylene	0	0.01	ug/L	blank
6/10/2002	Atrazine	0	0.1	ug/L	blank
6/10/2002	Nitrobenzene - d5	77		%	bs
6/10/2002	2 - Fluorobiphenyl	60.5		%	bs
6/10/2002	p - Terphenyl - d14	74.8		%	bs
6/10/2002	Naphthalene	0.579	0.01	ug/L	bs
6/10/2002	2-Methylnaphthalene	0.589	0.1	ug/L	bs
6/10/2002	2-Chloronaphthalene	0.692	0.01	ug/L	bs

6/10/2002	Acenaphthylene	0.527	0.01	ug/L	bs	
6/10/2002	Acenaphthene	0.647	0.01	ug/L	bs	
6/10/2002	Fluorene	0.681	0.01	ug/L	bs	
6/10/2002	Phenanthrene	0.675	0.01	ug/L	bs	B2
6/10/2002	Anthracene	0.679	0.01	ug/L	bs	
6/10/2002	Fluoranthene	0.727	0.01	ug/L	bs	
6/10/2002	Pyrene	0.665	0.01	ug/L	bs	
6/10/2002	Benzo(a)anthracene	0.806	0.01	ug/L	bs	
6/10/2002	Chrysene	0.797	0.01	ug/L	bs	
6/10/2002	Benzofluoranthenes	1.63	0.02	ug/L	bs	
6/10/2002	Benzo(a)pyrene	0.694	0.01	ug/L	bs	
6/10/2002	Indeno(1,2,3-cd)pyrene	1.16	0.01	ug/L	bs	
6/10/2002	Dibenz(a,h)anthracene	1.27	0.01	ug/L	bs	
6/10/2002	Benzo(g,h,i)perylene	1.2	0.01	ug/L	bs	
6/10/2002	Atrazine	1.3	0.1	ug/L	bs	
6/10/2002	Nitrobenzene - d5	78.5		%	bsd	
6/10/2002	2 - Fluorobiphenyl	61.8		%	bsd	
6/10/2002	p - Terphenyl - d14	76.5		%	bsd	
6/10/2002	Naphthalene	0.65	0.01	ug/L	bsd	B2
6/10/2002	2-Methylnaphthalene	0.651	0.1	ug/L	bsd	
6/10/2002	2-Chloronaphthalene	0.707	0.01	ug/L	bsd	
6/10/2002	Acenaphthylene	0.558	0.01	ug/L	bsd	
6/10/2002	Acenaphthene	0.666	0.01	ug/L	bsd	
6/10/2002	Fluorene	0.737	0.01	ug/L	bsd	
6/10/2002	Phenanthrene	0.69	0.01	ug/L	bsd	B2
6/10/2002	Anthracene	0.72	0.01	ug/L	bsd	
6/10/2002	Fluoranthene	0.731	0.01	ug/L	bsd	
6/10/2002	Pyrene	0.736	0.01	ug/L	bsd	
6/10/2002	Benzo(a)anthracene	0.898	0.01	ug/L	bsd	
6/10/2002	Chrysene	0.747	0.01	ug/L	bsd	
6/10/2002	Benzofluoranthenes	1.74	0.02	ug/L	bsd	
6/10/2002	Benzo(a)pyrene	0.742	0.01	ug/L	bsd	
6/10/2002	Indeno(1,2,3-cd)pyrene	1.22	0.01	ug/L	bsd	
6/10/2002	Dibenz(a,h)anthracene	1.33	0.01	ug/L	bsd	
6/10/2002	Benzo(g,h,i)perylene	1.25	0.01	ug/L	bsd	
6/10/2002	Atrazine	1.19	0.1	ug/L	bsd	
6/6/2002	Fluoride	0	0.06	mg/L	blank	
6/6/2002	Chloride	0	0.3	mg/L	blank	
6/6/2002	Nitrite as N	0	0.031	mg/L	blank	
6/6/2002	Nitrate as N	0	0.03	mg/L	blank	
6/6/2002	Sulfate	0	0.3	mg/L	blank	
6/6/2002	Fluoride	8.06	0.06	mg/L	bs	
6/6/2002	Chloride	38.4	0.3	mg/L	bs	
6/6/2002	Nitrite as N	2.07	0.031	mg/L	bs	
6/6/2002	Nitrate as N	3.96	0.03	mg/L	bs	
6/6/2002	Sulfate	40.2	0.3	mg/L	bs	
6/13/2002	TOC	0	0.5	mg/L	blank	
CUGRDS4	6/10/2002	BOD(5day)	0	4	mg/L	sample
CUGRHB2	6/10/2002	BOD(5day)	0	4	mg/L	sample
CUGRDS4	6/5/2002	COLOR	20	5	COLOR	sample

CUGRHB2	6/5/2002	COLOR	5	5	COLOR	sample
CUGRDS4	6/7/2002	COND	32	10	umhos/cm	sample
CUGRHB2	6/7/2002	COND	39	10	umhos/cm	sample
CUGRDS4	6/13/2002	CYANIDE	0	0.05	mg/L	sample
CUGRHB2	6/13/2002	CYANIDE	0	0.05	mg/L	sample
CUGRDS4	6/5/2002	FECAL COLF	4	2	CFU/100ML	sample
CUGRHB2	6/5/2002	FECAL COLF	34	2	CFU/100ML	sample
CUGRDS4	6/11/2002	HARDNESS	15	5	mg/L	sample
CUGRHB2	6/11/2002	HARDNESS	16	5	mg/L	sample
CUGRDS4	6/10/2002	TDS	51	10	mg/L	sample
CUGRHB2	6/10/2002	TDS	40	10	mg/L	sample
CUGRDS4	6/8/2002	TURB	19.4	0.2	NTU	sample
CUGRHB2	6/8/2002	TURB	3.8	0.2	NTU	sample
CUGRDS4	6/7/2002	Copper	0	0.01	mg/L	sample
CUGRDS4	6/7/2002	Iron	0.548	0.1	mg/L	sample
CUGRDS4	6/7/2002	Manganese	0.0207	0.01	mg/L	sample
CUGRDS4	6/7/2002	Nickel	0	0.01	mg/L	sample
CUGRDS4	6/7/2002	Sodium	2.75	1	mg/L	sample
CUGRDS4	6/7/2002	Zinc	0.00446	0.01	mg/L	sample
CUGRHB2	6/7/2002	Copper	0	0.01	mg/L	sample
CUGRHB2	6/7/2002	Copper	0	0.01	mg/L	dup
CUGRHB2	6/7/2002	Copper	0.459	0.01	mg/L	ms
CUGRDS4	6/10/2002	Arsenic	0.000625	0.001	mg/L	sample
CUGRDS4	6/10/2002	Antimony	0.000656	0.003	mg/L	sample
CUGRDS4	6/10/2002	Cadmium	0	0.0005	mg/L	sample
CUGRDS4	6/10/2002	Lead	0.000143	0.0005	mg/L	sample
CUGRDS4	6/10/2002	Selenium	0	0.003	mg/L	sample
CUGRDS4	6/10/2002	Silver	0.000103	0.0005	mg/L	sample
CUGRDS4	6/10/2002	Thallium	8.9e-005	0.0005	mg/L	sample
CUGRHB2	6/10/2002	Arsenic	0.000265	0.001	mg/L	sample
CUGRHB2	6/10/2002	Antimony	0.000764	0.003	mg/L	sample
CUGRHB2	6/10/2002	Cadmium	0	0.0005	mg/L	sample
CUGRHB2	6/10/2002	Lead	0.000318	0.0005	mg/L	sample
CUGRHB2	6/10/2002	Selenium	0	0.003	mg/L	sample
CUGRHB2	6/10/2002	Silver	0.000262	0.0005	mg/L	sample
CUGRHB2	6/10/2002	Thallium	2.6e-005	0.0005	mg/L	sample
CUGRDS4	6/12/2002	Mercury	0	0.0002	mg/L	sample
CUGRHB2	6/12/2002	Mercury	0	0.0002	mg/L	sample
CUGRDS4	6/7/2002	Barium	0.00445	0.005	mg/L	sample
CUGRDS4	6/7/2002	Beryllium	0	0.002	mg/L	sample
CUGRDS4	6/7/2002	Chromium	0.000641	0.01	mg/L	sample
CUGRDS4	6/14/2002	Tetrachloro-m-xylene	75.6	%		sample
CUGRDS4	6/14/2002	Decachlorobiphenyl	90.2	%		sample
CUGRDS4	6/14/2002	Aldrin	0	0.00102	ug/L	sample
CUGRDS4	6/14/2002	alpha-BHC	0	0.00102	ug/L	sample
CUGRDS4	6/14/2002	beta-BHC	0	0.00102	ug/L	sample
CUGRDS4	6/14/2002	delta-BHC	0	0.00102	ug/L	sample
CUGRDS4	6/14/2002	gamma-BHC (Lindane)	0	0.00102	ug/L	sample
CUGRDS4	6/14/2002	Chlordane (technical)	0	0.0102	ug/L	sample
CUGRDS4	6/14/2002	4,4'-DDD	0	0.00204	ug/L	sample

CUGRDS4	6/14/2002	4,4'-DDE	0	0.00204	ug/L	sample
CUGRDS4	6/14/2002	4,4'-DDT	0	0.00204	ug/L	sample
CUGRDS4	6/14/2002	Dieldrin	0	0.00204	ug/L	sample
CUGRDS4	6/14/2002	Endosulfan I	0	0.00102	ug/L	sample
CUGRDS4	6/14/2002	Endosulfan II	0	0.00204	ug/L	sample
CUGRDS4	6/14/2002	Endosulfan sulfate	0	0.00204	ug/L	sample
CUGRDS4	6/14/2002	Endrin	0	0.00204	ug/L	sample
CUGRDS4	6/14/2002	Endrin aldehyde	0	0.00204	ug/L	sample
CUGRDS4	6/14/2002	Heptachlor	0	0.00102	ug/L	sample
CUGRDS4	6/14/2002	Heptachlor epoxide	0	0.00102	ug/L	sample
CUGRDS4	6/14/2002	Methoxychlor	0	0.0102	ug/L	sample
CUGRDS4	6/14/2002	Endrin ketone	0	0.00204	ug/L	sample
CUGRDS4	6/14/2002	Toxaphene	0	0.102	ug/L	sample
CUGRHB2	6/14/2002	Tetrachloro-m-xylene	78.9		%	sample
CUGRHB2	6/14/2002	Decachlorobiphenyl	91.2		%	sample
CUGRHB2	6/14/2002	Aldrin	0	0.000956	ug/L	sample
CUGRHB2	6/14/2002	alpha-BHC	0	0.000956	ug/L	sample
CUGRHB2	6/14/2002	beta-BHC	0	0.000956	ug/L	sample
CUGRHB2	6/14/2002	delta-BHC	0	0.000956	ug/L	sample
CUGRHB2	6/14/2002	gamma-BHC (Lindane)	0	0.000956	ug/L	sample
CUGRHB2	6/14/2002	Chlordane (technical)	0	0.00956	ug/L	sample
CUGRHB2	6/14/2002	4,4'-DDD	0	0.00191	ug/L	sample
CUGRHB2	6/14/2002	4,4'-DDE	0	0.00191	ug/L	sample
CUGRHB2	6/14/2002	4,4'-DDT	0	0.00191	ug/L	sample
CUGRHB2	6/14/2002	Dieldrin	0	0.00191	ug/L	sample
CUGRHB2	6/14/2002	Endosulfan I	0	0.000956	ug/L	sample
CUGRHB2	6/14/2002	Endosulfan II	0	0.00191	ug/L	sample
CUGRHB2	6/14/2002	Endosulfan sulfate	0	0.00191	ug/L	sample
CUGRHB2	6/14/2002	Endrin	0	0.00191	ug/L	sample
CUGRHB2	6/14/2002	Endrin aldehyde	0	0.00191	ug/L	sample
CUGRHB2	6/14/2002	Heptachlor	0	0.000956	ug/L	sample
CUGRHB2	6/14/2002	Heptachlor epoxide	0	0.000956	ug/L	sample
CUGRHB2	6/14/2002	Methoxychlor	0	0.00956	ug/L	sample
CUGRHB2	6/14/2002	Endrin ketone	0	0.00191	ug/L	sample
CUGRHB2	6/14/2002	Toxaphene	0	0.0956	ug/L	sample
CUGRDS4	6/10/2002	Tributyl Phosphate	89.7		%	sample
CUGRDS4	6/10/2002	Triphenyl Phosphate	84.2		%	sample
CUGRDS4	6/10/2002	Dichlorvos	0	0.0198	ug/L	sample
CUGRDS4	6/10/2002	Mevinphos	0	0.0198	ug/L	sample
CUGRDS4	6/10/2002	Ethoprop	0	0.0297	ug/L	sample
CUGRDS4	6/10/2002	Naled	0	0.0198	ug/L	sample
CUGRDS4	6/10/2002	Sulfotep	0	0.0099	ug/L	sample
CUGRDS4	6/10/2002	Monocrotophos	0	0.0099	ug/L	sample
CUGRDS4	6/10/2002	Phorate	0	0.0149	ug/L	sample
CUGRDS4	6/10/2002	Dimethoate	0	0.0495	ug/L	sample
CUGRDS4	6/10/2002	Demeton,o-s	0	0.0198	ug/L	sample
CUGRDS4	6/10/2002	Diazinon	0	0.0198	ug/L	sample
CUGRDS4	6/10/2002	Disulfoton	0	0.0149	ug/L	sample
CUGRDS4	6/10/2002	Parathion,methyl	0	0.0297	ug/L	sample
CUGRDS4	6/10/2002	Ronnel	0	0.0198	ug/L	sample

CUGRDS4	6/10/2002	Chlorpyrifos	0	0.0149	ug/L	sample
CUGRDS4	6/10/2002	Malathion	0	0.0198	ug/L	sample
CUGRDS4	6/10/2002	Fenthion	0	0.0099	ug/L	sample
CUGRDS4	6/10/2002	Parathion	0	0.0149	ug/L	sample
CUGRDS4	6/10/2002	Trichloronate	0	0.0099	ug/L	sample
CUGRDS4	6/10/2002	Tetrachlorvinphos	0	0.0099	ug/L	sample
CUGRDS4	6/10/2002	Merphos	0	0.0149	ug/L	sample
CUGRDS4	6/10/2002	Tokuthion	0	0.0149	ug/L	sample
CUGRDS4	6/10/2002	Fensulfothion	0	0.0149	ug/L	sample
CUGRDS4	6/10/2002	Bolstar	0	0.0099	ug/L	sample
CUGRDS4	6/10/2002	EPN	0	0.0099	ug/L	sample
CUGRDS4	6/10/2002	Azinphos,methyl	0	0.0149	ug/L	sample
CUGRDS4	6/10/2002	Coumaphos	0	0.0149	ug/L	sample
CUGRB2	6/10/2002	Tributyl Phosphate	96.5		%	sample
CUGRB2	6/10/2002	Triphenyl Phosphate	90.7		%	sample
CUGRB2	6/10/2002	Dichlorvos	0	0.019	ug/L	sample
CUGRB2	6/10/2002	Mevinphos	0	0.019	ug/L	sample
CUGRB2	6/10/2002	Ethoprop	0	0.0285	ug/L	sample
CUGRB2	6/10/2002	Naled	0	0.019	ug/L	sample
CUGRB2	6/10/2002	Sulfotepp	0	0.00951	ug/L	sample
CUGRB2	6/10/2002	Monocrotophos	0	0.00951	ug/L	sample
CUGRB2	6/10/2002	Phorate	0	0.0143	ug/L	sample
CUGRB2	6/10/2002	Dimethoate	0	0.0476	ug/L	sample
CUGRB2	6/10/2002	Demeton,o-s	0	0.019	ug/L	sample
CUGRB2	6/10/2002	Diazinon	0	0.019	ug/L	sample
CUGRB2	6/10/2002	Disulfoton	0	0.0143	ug/L	sample
CUGRB2	6/10/2002	Parathion,methyl	0	0.0285	ug/L	sample
CUGRB2	6/10/2002	Ronnel	0	0.019	ug/L	sample
CUGRB2	6/10/2002	Chlorpyrifos	0	0.0143	ug/L	sample
CUGRB2	6/10/2002	Malathion	0	0.019	ug/L	sample
CUGRB2	6/10/2002	Fenthion	0	0.00951	ug/L	sample
CUGRB2	6/10/2002	Parathion	0	0.0143	ug/L	sample
CUGRB2	6/10/2002	Trichloronate	0	0.00951	ug/L	sample
CUGRB2	6/10/2002	Tetrachlorvinphos	0	0.00951	ug/L	sample
CUGRB2	6/10/2002	Merphos	0	0.0143	ug/L	sample
CUGRB2	6/10/2002	Tokuthion	0	0.0143	ug/L	sample
CUGRB2	6/10/2002	Fensulfothion	0	0.0143	ug/L	sample
CUGRB2	6/10/2002	Bolstar	0	0.00951	ug/L	sample
CUGRB2	6/10/2002	EPN	0	0.00951	ug/L	sample
CUGRB2	6/10/2002	Azinphos,methyl	0	0.0143	ug/L	sample
CUGRB2	6/10/2002	Coumaphos	0	0.0143	ug/L	sample
CUGRDS4	6/10/2002	2,4-Dichlorophenylacetic acid	101		%	sample
CUGRDS4	6/10/2002	Dalapon	0	0.0497	ug/L	sample
CUGRDS4	6/10/2002	4-Nitrophenol	0	0.0497	ug/L	sample
CUGRDS4	6/10/2002	Dicamba	0	0.0497	ug/L	sample
CUGRDS4	6/10/2002	Dichloroprop	0	0.0497	ug/L	sample
CUGRDS4	6/10/2002	2,4-D	0	0.0497	ug/L	sample
CUGRDS4	6/10/2002	Pentachlorophenol	0	0.0497	ug/L	sample
CUGRDS4	6/10/2002	Silvex (2,4,5-TP)	0	0.0497	ug/L	sample
CUGRDS4	6/10/2002	2,4,5-T	0	0.0994	ug/L	sample

CUGRDS4	6/10/2002	Dinoseb	0	0.0497	ug/L	sample
CUGRDS4	6/10/2002	2,4-DB	0	0.0994	ug/L	sample
CUGRDS4	6/10/2002	MCPP	0	0.0497	ug/L	sample
CUGRDS4	6/10/2002	MCPA	0	0.0497	ug/L	sample
CUGRHB2	6/10/2002	2,4-Dichlorophenylacetic acid	102		%	sample
CUGRHB2	6/10/2002	Dalapon	0	0.0479	ug/L	sample
CUGRHB2	6/10/2002	4-Nitrophenol	0	0.0479	ug/L	sample
CUGRHB2	6/10/2002	Dicamba	0	0.0479	ug/L	sample
CUGRHB2	6/10/2002	Dichloroprop	0	0.0479	ug/L	sample
CUGRHB2	6/10/2002	2,4-D	0	0.0479	ug/L	sample
CUGRHB2	6/10/2002	Pentachlorophenol	0	0.0479	ug/L	sample
CUGRHB2	6/10/2002	Silvex (2,4,5-TP)	0	0.0479	ug/L	sample
CUGRHB2	6/10/2002	2,4,5-T	0	0.0958	ug/L	sample
CUGRHB2	6/10/2002	Dinoseb	0	0.0479	ug/L	sample
CUGRHB2	6/10/2002	2,4-DB	0	0.0958	ug/L	sample
CUGRHB2	6/10/2002	MCPP	0	0.0479	ug/L	sample
CUGRHB2	6/10/2002	MCPA	0	0.0479	ug/L	sample
CUGRDS4	6/10/2002	Nitrobenzene - d5	64.5		%	sample
CUGRDS4	6/10/2002	2 - Fluorobiphenyl	59.3		%	sample
CUGRDS4	6/10/2002	p - Terphenyl - d14	74.7		%	sample
CUGRDS4	6/10/2002	Naphthalene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	2-Methylnaphthalene	0	0.0982	ug/L	sample
CUGRDS4	6/10/2002	2-Chloronaphthalene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Acenaphthylene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Acenaphthene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Fluorene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Phenanthrene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Anthracene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Fluoranthene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Pyrene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Benzo(a)anthracene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Chrysene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Benzofluoranthenes	0	0.0196	ug/L	sample
CUGRDS4	6/10/2002	Benzo(a)pyrene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Indeno(1,2,3-cd)pyrene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Dibenz(a,h)anthracene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Benzo(g,h,i)perylene	0	0.00982	ug/L	sample
CUGRDS4	6/10/2002	Atrazine	0	0.0982	ug/L	sample
CUGRHB2	6/10/2002	Nitrobenzene - d5	66.9		%	sample
CUGRHB2	6/10/2002	2 - Fluorobiphenyl	54.8		%	sample
CUGRHB2	6/10/2002	p - Terphenyl - d14	78.1		%	sample
CUGRHB2	6/10/2002	Naphthalene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	2-Methylnaphthalene	0	0.0955	ug/L	sample
CUGRHB2	6/10/2002	2-Chloronaphthalene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Acenaphthylene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Acenaphthene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Fluorene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Phenanthrene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Anthracene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Fluoranthene	0	0.00955	ug/L	sample

N

CUGRHB2	6/10/2002	Pyrene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Benzo(a)anthracene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Chrysene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Benzofluoranthenes	0	0.0191	ug/L	sample
CUGRHB2	6/10/2002	Benzo(a)pyrene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Indeno(1,2,3-cd)pyrene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Dibenz(a,h)anthracene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Benzo(g,h,i)perylene	0	0.00955	ug/L	sample
CUGRHB2	6/10/2002	Atrazine	0	0.0955	ug/L	sample
CUGRDS4	6/6/2002	Fluoride	0	0.06	mg/L	sample
CUGRDS4	6/6/2002	Chloride	0.368	0.3	mg/L	sample
CUGRDS4	6/6/2002	Nitrite as N	0	0.031	mg/L	sample
CUGRDS4	6/6/2002	Nitrate as N	0.017	0.03	mg/L	sample J
CUGRDS4	6/6/2002	Sulfate	0.237	0.3	mg/L	sample J
CUGRHB2	6/6/2002	Fluoride	0	0.06	mg/L	sample
CUGRHB2	6/6/2002	Chloride	0.683	0.3	mg/L	sample
CUGRHB2	6/6/2002	Nitrite as N	0	0.031	mg/L	sample
CUGRHB2	6/6/2002	Nitrate as N	0	0.03	mg/L	sample
CUGRHB2	6/6/2002	Sulfate	0.546	0.3	mg/L	sample
CUGRDS4	6/6/2002	Fluoride	0	0.06	mg/L	dup
CUGRDS4	6/6/2002	Chloride	0.368	0.3	mg/L	dup
CUGRDS4	6/6/2002	Nitrite as N	0	0.031	mg/L	dup
CUGRDS4	6/6/2002	Nitrate as N	0.017	0.03	mg/L	dup J
CUGRDS4	6/6/2002	Sulfate	0.266	0.3	mg/L	dup J
CUGRDS4	6/6/2002	Fluoride	7.98	0.0606	mg/L	ms
CUGRDS4	6/6/2002	Chloride	40.2	0.303	mg/L	ms
CUGRDS4	6/6/2002	Nitrite as N	2.05	0.0313	mg/L	ms
CUGRDS4	6/6/2002	Nitrate as N	4.05	0.0303	mg/L	ms
CUGRDS4	6/6/2002	Sulfate	41.1	0.303	mg/L	ms
CUGRDS4	6/13/2002	TOC	1.76	0.5	mg/L	sample
CUGRHB2	6/13/2002	TOC	1.36	0.5	mg/L	sample
CUGRDS4	6/13/2002	TOC	12	0.5	mg/L	ms
CUGRDS4	6/13/2002	TOC	12.2	0.5	mg/L	msd
	6/7/2002	Barium	0	0.005	mg/L	blank
	6/7/2002	Beryllium	0	0.002	mg/L	blank
	6/7/2002	Chromium	0	0.01	mg/L	blank
	6/7/2002	Copper	0	0.01	mg/L	blank
	6/7/2002	Iron	0	0.1	mg/L	blank
	6/7/2002	Manganese	0	0.01	mg/L	blank
	6/7/2002	Nickel	0	0.01	mg/L	blank
	6/7/2002	Sodium	0.647	1	mg/L	blank J
	6/7/2002	Zinc	0.0012	0.01	mg/L	blank J
	6/12/2002	Mercury	0	0.0002	mg/L	blank
	6/13/2002	Tetrachloro-m-xylene	68.4		%	blank N
	6/13/2002	Decachlorobiphenyl	80.7		%	blank
	6/13/2002	Aldrin	0	0.001	ug/L	blank
	6/13/2002	alpha-BHC	0	0.001	ug/L	blank
	6/13/2002	beta-BHC	0	0.001	ug/L	blank
	6/13/2002	delta-BHC	0	0.001	ug/L	blank
	6/13/2002	gamma-BHC (Lindane)	0	0.001	ug/L	blank

6/13/2002	Chlordane (technical)	0	0.01	ug/L	blank
6/13/2002	4,4'-DDD	0	0.002	ug/L	blank
6/13/2002	4,4'-DDE	0	0.002	ug/L	blank
6/13/2002	4,4'-DDT	0	0.002	ug/L	blank
6/13/2002	Dieldrin	0	0.002	ug/L	blank
6/13/2002	Endosulfan I	0	0.001	ug/L	blank
6/13/2002	Endosulfan II	0	0.002	ug/L	blank
6/13/2002	Endosulfan sulfate	0	0.002	ug/L	blank
6/13/2002	Endrin	0	0.002	ug/L	blank
6/13/2002	Endrin aldehyde	0	0.002	ug/L	blank
6/13/2002	Heptachlor	0	0.001	ug/L	blank
6/13/2002	Heptachlor epoxide	0	0.001	ug/L	blank
6/13/2002	Methoxychlor	0	0.01	ug/L	blank
6/13/2002	Endrin ketone	0	0.002	ug/L	blank
6/13/2002	Toxaphene	0	0.1	ug/L	blank
6/13/2002	Tetrachloro-m-xylene	77		%	bs
6/13/2002	Decachlorobiphenyl	90.8		%	bs
6/13/2002	Aldrin	0.017	0.001	ug/L	bs C1
6/13/2002	gamma-BHC (Lindane)	0.0176	0.001	ug/L	bs C1
6/13/2002	4,4'-DDT	0.0457	0.002	ug/L	bs C1
6/13/2002	Dieldrin	0.0414	0.002	ug/L	bs C1
6/13/2002	Endrin	0.0369	0.002	ug/L	bs C1
6/13/2002	Heptachlor	0.0162	0.001	ug/L	bs C1
6/14/2002	Tetrachloro-m-xylene	77.6		%	bsd
6/14/2002	Decachlorobiphenyl	88.7		%	bsd
6/14/2002	Aldrin	0.0197	0.001	ug/L	bsd C1
6/14/2002	gamma-BHC (Lindane)	0.0192	0.001	ug/L	bsd C1
6/14/2002	4,4'-DDT	0.0477	0.002	ug/L	bsd C1
6/14/2002	Dieldrin	0.0454	0.002	ug/L	bsd C1
6/14/2002	Endrin	0.0404	0.002	ug/L	bsd C1
6/14/2002	Heptachlor	0.0184	0.001	ug/L	bsd C1
6/10/2002	Tributyl Phosphate	76.7		%	blank
6/10/2002	Triphenyl Phosphate	86.1		%	blank
6/10/2002	Dichlorvos	0	0.02	ug/L	blank
6/10/2002	Mevinphos	0	0.02	ug/L	blank
6/10/2002	Ethoprop	0	0.03	ug/L	blank
6/10/2002	Naled	0	0.02	ug/L	blank
6/10/2002	Sulfotep	0	0.01	ug/L	blank
6/10/2002	Monocrotophos	0	0.01	ug/L	blank
6/10/2002	Phorate	0	0.015	ug/L	blank
6/10/2002	Dimethoate	0	0.05	ug/L	blank
6/10/2002	Demeton,o-s	0	0.02	ug/L	blank
6/10/2002	Diazinon	0	0.02	ug/L	blank
6/10/2002	Disulfoton	0	0.015	ug/L	blank
6/10/2002	Parathion,methyl	0	0.03	ug/L	blank
6/10/2002	Ronnel	0	0.02	ug/L	blank
6/10/2002	Chlorpyrifos	0	0.015	ug/L	blank
6/10/2002	Malathion	0	0.02	ug/L	blank
6/10/2002	Fenthion	0	0.01	ug/L	blank
6/10/2002	Parathion	0	0.015	ug/L	blank

6/10/2002	Trichloronate	0	0.01	ug/L	blank
6/10/2002	Tetrachlorvinphos	0	0.01	ug/L	blank
6/10/2002	Merphos	0	0.015	ug/L	blank
6/10/2002	Tokuthion	0	0.015	ug/L	blank
6/10/2002	Fensulfothion	0	0.015	ug/L	blank
6/10/2002	Bolstar	0	0.01	ug/L	blank
6/10/2002	EPN	0	0.01	ug/L	blank
6/10/2002	Azinphos,methyl	0	0.015	ug/L	blank
6/10/2002	Coumaphos	0	0.015	ug/L	blank
6/10/2002	Tributyl Phosphate	68		%	bs
6/10/2002	Triphenyl Phosphate	91.8		%	bs
6/10/2002	Diazinon	0.645	0.02	ug/L	bs
6/10/2002	Chlorpyrifos	0.853	0.015	ug/L	bs
6/10/2002	Malathion	0.99	0.02	ug/L	bs
6/10/2002	Azinphos,methyl	0.802	0.015	ug/L	bs
6/10/2002	Tributyl Phosphate	85.5		%	bsd
6/10/2002	Triphenyl Phosphate	89.5		%	bsd
6/10/2002	Diazinon	0.897	0.02	ug/L	bsd
6/10/2002	Chlorpyrifos	0.958	0.015	ug/L	bsd
6/10/2002	Malathion	1.07	0.02	ug/L	bsd
6/10/2002	Azinphos,methyl	0.88	0.015	ug/L	bsd
6/10/2002	2,4-Dichlorophenylacetic acid	84.2		%	blank
6/10/2002	Dalapon	0	0.05	ug/L	blank
6/10/2002	4-Nitrophenol	0	0.05	ug/L	blank
6/10/2002	Dicamba	0	0.05	ug/L	blank
6/10/2002	Dichloroprop	0	0.05	ug/L	blank
6/10/2002	2,4-D	0	0.05	ug/L	blank
6/10/2002	Pentachlorophenol	0	0.05	ug/L	blank
6/10/2002	Silvex (2,4,5-TP)	0	0.05	ug/L	blank
6/10/2002	2,4,5-T	0	0.1	ug/L	blank
6/10/2002	Dinoseb	0	0.05	ug/L	blank
6/10/2002	2,4-DB	0	0.1	ug/L	blank
6/10/2002	MCPP	0	0.05	ug/L	blank
6/10/2002	MCPA	0	0.05	ug/L	blank
6/10/2002	2,4-Dichlorophenylacetic acid	92.2		%	bs
6/10/2002	Dalapon	2.59	0.05	ug/L	bs
6/10/2002	Dicamba	3.79	0.05	ug/L	bs
6/10/2002	2,4-D	4.29	0.05	ug/L	bs
6/10/2002	Pentachlorophenol	4.18	0.05	ug/L	bs
6/10/2002	Silvex (2,4,5-TP)	4.49	0.05	ug/L	bs
6/10/2002	Dinoseb	3.97	0.05	ug/L	bs
6/10/2002	MCPP	4.77	0.05	ug/L	bs
6/10/2002	2,4-Dichlorophenylacetic acid	94.4		%	bsd
6/10/2002	Dalapon	2.73	0.05	ug/L	bsd
6/10/2002	Dicamba	3.9	0.05	ug/L	bsd
6/10/2002	2,4-D	4.42	0.05	ug/L	bsd
6/10/2002	Pentachlorophenol	4.36	0.05	ug/L	bsd
6/10/2002	Silvex (2,4,5-TP)	4.81	0.05	ug/L	bsd
6/10/2002	Dinoseb	4.53	0.05	ug/L	bsd
6/10/2002	MCPP	5.11	0.05	ug/L	bsd

6/10/2002	Nitrobenzene - d5	55.7	%	blank	
6/10/2002	2 - Fluorobiphenyl	50.1	%	blank	N
6/10/2002	p - Terphenyl - d14	72.5	%	blank	
6/10/2002	Naphthalene	0.00629	0.01	ug/L	blank
6/10/2002	2-Methylnaphthalene	0	0.1	ug/L	blank
6/10/2002	2-Chloronaphthalene	0	0.01	ug/L	blank
6/10/2002	Acenaphthylene	0	0.01	ug/L	blank
6/10/2002	Acenaphthene	0	0.01	ug/L	blank
6/10/2002	Fluorene	0	0.01	ug/L	blank
6/10/2002	Phenanthrene	0.00307	0.01	ug/L	blank
6/10/2002	Anthracene	0	0.01	ug/L	blank
6/10/2002	Fluoranthene	0	0.01	ug/L	blank
6/10/2002	Pyrene	0	0.01	ug/L	blank
6/10/2002	Benzo(a)anthracene	0	0.01	ug/L	blank
6/10/2002	Chrysene	0	0.01	ug/L	blank
6/10/2002	Benzofluoranthenes	0	0.02	ug/L	blank
6/10/2002	Benzo(a)pyrene	0	0.01	ug/L	blank
6/10/2002	Indeno(1,2,3-cd)pyrene	0	0.01	ug/L	blank
6/10/2002	Dibenz(a,h)anthracene	0	0.01	ug/L	blank
6/10/2002	Benzo(g,h,i)perylene	0	0.01	ug/L	blank
6/10/2002	Atrazine	0	0.1	ug/L	blank
6/10/2002	Nitrobenzene - d5	77	%	bs	
6/10/2002	2 - Fluorobiphenyl	60.5	%	bs	
6/10/2002	p - Terphenyl - d14	74.8	%	bs	
6/10/2002	Naphthalene	0.579	0.01	ug/L	bs
6/10/2002	2-Methylnaphthalene	0.589	0.1	ug/L	bs
6/10/2002	2-Chloronaphthalene	0.692	0.01	ug/L	bs
6/10/2002	Acenaphthylene	0.527	0.01	ug/L	bs
6/10/2002	Acenaphthene	0.647	0.01	ug/L	bs
6/10/2002	Fluorene	0.681	0.01	ug/L	bs
6/10/2002	Phenanthrene	0.675	0.01	ug/L	bs
6/10/2002	Anthracene	0.679	0.01	ug/L	bs
6/10/2002	Fluoranthene	0.727	0.01	ug/L	bs
6/10/2002	Pyrene	0.665	0.01	ug/L	bs
6/10/2002	Benzo(a)anthracene	0.806	0.01	ug/L	bs
6/10/2002	Chrysene	0.797	0.01	ug/L	bs
6/10/2002	Benzofluoranthenes	1.63	0.02	ug/L	bs
6/10/2002	Benzo(a)pyrene	0.694	0.01	ug/L	bs
6/10/2002	Indeno(1,2,3-cd)pyrene	1.16	0.01	ug/L	bs
6/10/2002	Dibenz(a,h)anthracene	1.27	0.01	ug/L	bs
6/10/2002	Benzo(g,h,i)perylene	1.2	0.01	ug/L	bs
6/10/2002	Atrazine	1.3	0.1	ug/L	bs
6/10/2002	Nitrobenzene - d5	78.5	%	bsd	
6/10/2002	2 - Fluorobiphenyl	61.8	%	bsd	
6/10/2002	p - Terphenyl - d14	76.5	%	bsd	
6/10/2002	Naphthalene	0.65	0.01	ug/L	bsd
6/10/2002	2-Methylnaphthalene	0.651	0.1	ug/L	bsd
6/10/2002	2-Chloronaphthalene	0.707	0.01	ug/L	bsd
6/10/2002	Acenaphthylene	0.558	0.01	ug/L	bsd
6/10/2002	Acenaphthene	0.666	0.01	ug/L	bsd

6/10/2002	Fluorene	0.737	0.01	ug/L	bsd	
6/10/2002	Phenanthrene	0.69	0.01	ug/L	bsd	B2
6/10/2002	Anthracene	0.72	0.01	ug/L	bsd	
6/10/2002	Fluoranthene	0.731	0.01	ug/L	bsd	
6/10/2002	Pyrene	0.736	0.01	ug/L	bsd	
6/10/2002	Benzo(a)anthracene	0.898	0.01	ug/L	bsd	
6/10/2002	Chrysene	0.747	0.01	ug/L	bsd	
6/10/2002	Benzofluoranthenes	1.74	0.02	ug/L	bsd	
6/10/2002	Benzo(a)pyrene	0.742	0.01	ug/L	bsd	
6/10/2002	Indeno(1,2,3-cd)pyrene	1.22	0.01	ug/L	bsd	
6/10/2002	Dibenz(a,h)anthracene	1.33	0.01	ug/L	bsd	
6/10/2002	Benzo(g,h,i)perylene	1.25	0.01	ug/L	bsd	
6/10/2002	Atrazine	1.19	0.1	ug/L	bsd	
6/6/2002	Fluoride	0	0.06	mg/L	blank	
6/6/2002	Chloride	0	0.3	mg/L	blank	
6/6/2002	Nitrite as N	0	0.031	mg/L	blank	
6/6/2002	Nitrate as N	0	0.03	mg/L	blank	
6/6/2002	Sulfate	0	0.3	mg/L	blank	
6/6/2002	Fluoride	8.06	0.06	mg/L	bs	
6/6/2002	Chloride	38.4	0.3	mg/L	bs	
6/6/2002	Nitrite as N	2.07	0.031	mg/L	bs	
6/6/2002	Nitrate as N	3.96	0.03	mg/L	bs	
6/6/2002	Sulfate	40.2	0.3	mg/L	bs	
6/13/2002	TOC	0	0.5	mg/L	blank	
CUGRDS4	6/10/2002	BOD(5day)	0	4	mg/L	sample
CUGRB2	6/10/2002	BOD(5day)	0	4	mg/L	sample
CUGRDS4	6/5/2002	COLOR	20	5	COLOR	sample
CUGRB2	6/5/2002	COLOR	5	5	COLOR	sample
CUGRDS4	6/7/2002	COND	32	10	umhos/cm	sample
CUGRB2	6/7/2002	COND	39	10	umhos/cm	sample
CUGRDS4	6/13/2002	CYANIDE	0	0.05	mg/L	sample
CUGRB2	6/13/2002	CYANIDE	0	0.05	mg/L	sample
CUGRDS4	6/5/2002	FECAL COLF	4	2	CFU/100ML	sample
CUGRB2	6/5/2002	FECAL COLF	34	2	CFU/100ML	sample
CUGRDS4	6/11/2002	HARDNESS	15	5	mg/L	sample
CUGRB2	6/11/2002	HARDNESS	16	5	mg/L	sample
CUGRDS4	6/10/2002	TDS	51	10	mg/L	sample
CUGRB2	6/10/2002	TDS	40	10	mg/L	sample
CUGRDS4	6/8/2002	TURB	19.4	0.2	NTU	sample
CUGRB2	6/8/2002	TURB	3.8	0.2	NTU	sample

Water samles collected 6/17/02 at the gage downstream of dam

(CUGRDS5) and at Hayden Bridge (CUGRB2)

Client ID	Analyzed	Parameter	Result	PQL	Units	QC Type	Flags
CUGRDS5	6/21/2002	Iron	1.2	0.1	mg/L	sample	
CUGRDS5	6/21/2002	Sodium	2.04	1	mg/L	sample	
CUGRB2	6/21/2002	Iron	0.108	0.1	mg/L	sample	
CUGRB2	6/21/2002	Sodium	3.03	1	mg/L	sample	
CUGRDS5	6/21/2002	Iron	1.05	0.1	mg/L	dup	

CUGRDS5	6/21/2002	Sodium	2.06	1	mg/L	dup	
CUGRDS5	6/21/2002	Iron	21.6	0.1	mg/L	ms	
CUGRDS5	6/21/2002	Sodium	20.4	1	mg/L	ms	
CUGRDS5	6/21/2002	Cadmium	ND	0.005	mg/L	sample	
CUGRDS5	6/21/2002	Chromium	ND	0.01	mg/L	sample	
CUGRDS5	6/21/2002	Copper	ND	0.01	mg/L	sample	
CUGRDS5	6/21/2002	Lead	ND	0.01	mg/L	sample	
CUGRDS5	6/21/2002	Nickel	ND	0.01	mg/L	sample	
CUGRDS5	6/21/2002	Silver	ND	0.01	mg/L	sample	
CUGRDS5	6/21/2002	Zinc	0.0245	0.01	mg/L	sample	
CUGRDS5	6/21/2002	Cadmium	ND	0.005	mg/L	dup	
CUGRDS5	6/21/2002	Chromium	ND	0.01	mg/L	dup	
CUGRDS5	6/21/2002	Copper	ND	0.01	mg/L	dup	
CUGRDS5	6/21/2002	Lead	0.015	0.01	mg/L	dup	
CUGRDS5	6/21/2002	Nickel	ND	0.01	mg/L	dup	
CUGRDS5	6/21/2002	Silver	ND	0.01	mg/L	dup	
CUGRDS5	6/21/2002	Zinc	0.0256	0.01	mg/L	dup	
CUGRDS5	6/21/2002	Cadmium	0.0918	0.005	mg/L	ms	
CUGRDS5	6/21/2002	Chromium	0.378	0.01	mg/L	ms	
CUGRDS5	6/21/2002	Copper	0.435	0.01	mg/L	ms	
CUGRDS5	6/21/2002	Lead	0.907	0.01	mg/L	ms	
CUGRDS5	6/21/2002	Nickel	0.906	0.01	mg/L	ms	
CUGRDS5	6/21/2002	Silver	0.547	0.01	mg/L	ms	
CUGRDS5	6/21/2002	Zinc	0.911	0.01	mg/L	ms	
CUGRDS5	6/21/2002	Arsenic	0.000779	0.001	mg/L	sample	J
CUGRDS5	6/21/2002	Antimony	0.000134	0.003	mg/L	sample	J B1
CUGRDS5	6/21/2002	Barium	0.00702	0.001	mg/L	sample	B2
CUGRDS5	6/21/2002	Beryllium	0.00006	0.0005	mg/L	sample	J
CUGRDS5	6/21/2002	Cadmium	ND	0.0005	mg/L	sample	
CUGRDS5	6/21/2002	Chromium	0.00534	0.001	mg/L	sample	B2
CUGRDS5	6/21/2002	Copper	0.0018	0.001	mg/L	sample	B2
CUGRDS5	6/21/2002	Lead	0.000249	0.0005	mg/L	sample	J B1
CUGRDS5	6/21/2002	Manganese	0.103	0.0005	mg/L	sample	B2
CUGRDS5	6/21/2002	Nickel	0.00101	0.001	mg/L	sample	
CUGRDS5	6/21/2002	Selenium	ND	0.003	mg/L	sample	
CUGRDS5	6/21/2002	Silver	0.000488	0.0005	mg/L	sample	J
CUGRDS5	6/21/2002	Thallium	ND	0.0005	mg/L	sample	
CUGRDS5	6/21/2002	Zinc	0.00538	0.003	mg/L	sample	B1
CUGRBH3	6/21/2002	Arsenic	0.000309	0.001	mg/L	sample	J
CUGRBH3	6/21/2002	Antimony	0.000193	0.003	mg/L	sample	J B1
CUGRBH3	6/21/2002	Barium	0.00186	0.001	mg/L	sample	B2
CUGRBH3	6/21/2002	Beryllium	ND	0.0005	mg/L	sample	
CUGRBH3	6/21/2002	Cadmium	ND	0.0005	mg/L	sample	
CUGRBH3	6/21/2002	Chromium	0.00696	0.001	mg/L	sample	B2
CUGRBH3	6/21/2002	Copper	0.000547	0.001	mg/L	sample	J B2
CUGRBH3	6/21/2002	Lead	0.000042	0.0005	mg/L	sample	J B1
CUGRBH3	6/21/2002	Manganese	0.00824	0.0005	mg/L	sample	B2
CUGRBH3	6/21/2002	Nickel	0.000182	0.001	mg/L	sample	J
CUGRBH3	6/21/2002	Selenium	0.000585	0.003	mg/L	sample	J

CUGRHB3	6/21/2002	Silver	0.000489	0.0005	mg/L	sample	J
CUGRHB3	6/21/2002	Thallium	ND	0.0005	mg/L	sample	
CUGRHB3	6/21/2002	Zinc	0.00323	0.003	mg/L	sample	B1
CUGRDS5	6/21/2002	Arsenic	ND	0.001	mg/L	dup	
CUGRDS5	6/21/2002	Antimony	0.000103	0.003	mg/L	dup	J B1
CUGRDS5	6/21/2002	Barium	0.00688	0.001	mg/L	dup	B2
CUGRDS5	6/21/2002	Beryllium	0.000051	0.0005	mg/L	dup	J
CUGRDS5	6/21/2002	Cadmium	ND	0.0005	mg/L	dup	
CUGRDS5	6/21/2002	Chromium	0.00563	0.001	mg/L	dup	B2
CUGRDS5	6/21/2002	Copper	0.0018	0.001	mg/L	dup	B2
CUGRDS5	6/21/2002	Lead	0.000247	0.0005	mg/L	dup	J B1
CUGRDS5	6/21/2002	Manganese	0.0997	0.0005	mg/L	dup	B2
CUGRDS5	6/21/2002	Nickel	0.000963	0.001	mg/L	dup	J
CUGRDS5	6/21/2002	Selenium	ND	0.003	mg/L	dup	
CUGRDS5	6/21/2002	Silver	0.000474	0.0005	mg/L	dup	J
CUGRDS5	6/21/2002	Thallium	ND	0.0005	mg/L	dup	
CUGRDS5	6/21/2002	Zinc	0.00752	0.003	mg/L	dup	B1
CUGRDS5	6/21/2002	Arsenic	3.71	0.02	mg/L	ms	
CUGRDS5	6/21/2002	Antimony	2.71	0.06	mg/L	ms	B2
CUGRDS5	6/21/2002	Barium	3.42	0.02	mg/L	ms	B2
CUGRDS5	6/21/2002	Beryllium	0.106	0.01	mg/L	ms	
CUGRDS5	6/21/2002	Cadmium	0.0935	0.01	mg/L	ms	
CUGRDS5	6/21/2002	Chromium	0.418	0.02	mg/L	ms	B2
CUGRDS5	6/21/2002	Copper	0.501	0.02	mg/L	ms	B2
CUGRDS5	6/21/2002	Lead	1.02	0.01	mg/L	ms	B2
CUGRDS5	6/21/2002	Manganese	1.15	0.01	mg/L	ms	B2
CUGRDS5	6/21/2002	Nickel	0.981	0.02	mg/L	ms	
CUGRDS5	6/21/2002	Selenium	3.82	0.06	mg/L	ms	
CUGRDS5	6/21/2002	Silver	0.572	0.01	mg/L	ms	
CUGRDS5	6/21/2002	Thallium	3.83	0.01	mg/L	ms	
CUGRDS5	6/21/2002	Zinc	1.08	0.06	mg/L	ms	B2
CUGRDS5	6/21/2002	Arsenic	ND	0.002	mg/L	sample	
CUGRDS5	6/21/2002	Copper	0.0018	0.001	mg/L	sample	
CUGRDS5	6/21/2002	Lead	ND	0.0005	mg/L	sample	
CUGRDS5	6/21/2002	Selenium	ND	0.002	mg/L	sample	
CUGRDS5	6/21/2002	Arsenic	ND	0.002	mg/L	dup	
CUGRDS5	6/21/2002	Copper	0.0018	0.001	mg/L	dup	
CUGRDS5	6/21/2002	Lead	ND	0.0005	mg/L	dup	
CUGRDS5	6/21/2002	Selenium	ND	0.002	mg/L	dup	
CUGRDS5	6/21/2002	Arsenic	3.71	0.04	mg/L	ms	
CUGRDS5	6/21/2002	Copper	0.501	0.02	mg/L	ms	
CUGRDS5	6/21/2002	Lead	1.02	0.01	mg/L	ms	
CUGRDS5	6/21/2002	Selenium	3.84	0.04	mg/L	ms	
CUGRDS5	6/21/2002	Mercury	ND	0.0002	mg/L	sample	
CUGRHB3	6/21/2002	Mercury	ND	0.0002	mg/L	sample	
CUGRDS5	6/21/2002	Mercury	ND	0.0002	mg/L	dup	
CUGRDS5	6/21/2002	Mercury	0.00168	0.0002	mg/L	ms	
CUGRDS5	6/19/2002	Tributyl Phosphate	88.8	%		sample	

CUGRDS5	6/19/2002	Triphenyl Phosphate	74.8	%	sample	
CUGRDS5	6/19/2002	Dichlorvos	ND	0.0197	ug/L	sample
CUGRDS5	6/19/2002	Mevinphos	ND	0.0197	ug/L	sample
CUGRDS5	6/19/2002	Ethoprop	ND	0.0296	ug/L	sample
CUGRDS5	6/19/2002	Naled	ND	0.0197	ug/L	sample
CUGRDS5	6/19/2002	Sulfotep	ND	0.00987	ug/L	sample
CUGRDS5	6/19/2002	Monocrotophos	ND	0.00987	ug/L	sample
CUGRDS5	6/19/2002	Phorate	ND	0.0148	ug/L	sample
CUGRDS5	6/19/2002	Dimethoate	ND	0.0494	ug/L	sample
CUGRDS5	6/19/2002	Demeton,o-s	ND	0.0197	ug/L	sample
CUGRDS5	6/19/2002	Diazinon	ND	0.0197	ug/L	sample
CUGRDS5	6/19/2002	Disulfoton	ND	0.0148	ug/L	sample
CUGRDS5	6/19/2002	Parathion,methyl	ND	0.0296	ug/L	sample
CUGRDS5	6/19/2002	Ronnel	ND	0.0197	ug/L	sample
CUGRDS5	6/19/2002	Chlorpyrifos	ND	0.0148	ug/L	sample
CUGRDS5	6/19/2002	Malathion	ND	0.0197	ug/L	sample
CUGRDS5	6/19/2002	Fenthion	ND	0.00987	ug/L	sample
CUGRDS5	6/19/2002	Parathion	ND	0.0148	ug/L	sample
CUGRDS5	6/19/2002	Trichloronate	ND	0.00987	ug/L	sample
CUGRDS5	6/19/2002	Tetrachlorvinphos	ND	0.00987	ug/L	sample
CUGRDS5	6/19/2002	Mephos	ND	0.0148	ug/L	sample
CUGRHS3	6/19/2002	Tributyl Phosphate	95.1	%	sample	
CUGRHS3	6/19/2002	Triphenyl Phosphate	87	%	sample	
CUGRHS3	6/19/2002	Dichlorvos	ND	0.0191	ug/L	sample
CUGRHS3	6/19/2002	Mevinphos	ND	0.0191	ug/L	sample
CUGRHS3	6/19/2002	Ethoprop	ND	0.0286	ug/L	sample
CUGRHS3	6/19/2002	Naled	ND	0.0191	ug/L	sample
CUGRHS3	6/19/2002	Sulfotep	ND	0.00954	ug/L	sample
CUGRHS3	6/19/2002	Monocrotophos	ND	0.00954	ug/L	sample
CUGRHS3	6/19/2002	Phorate	ND	0.0143	ug/L	sample
CUGRHS3	6/19/2002	Dimethoate	ND	0.0477	ug/L	sample
CUGRHS3	6/19/2002	Demeton,o-s	ND	0.0191	ug/L	sample
CUGRHS3	6/19/2002	Diazinon	ND	0.0191	ug/L	sample
CUGRHS3	6/19/2002	Disulfoton	ND	0.0143	ug/L	sample
CUGRHS3	6/19/2002	Parathion,methyl	ND	0.0286	ug/L	sample
CUGRHS3	6/19/2002	Ronnel	ND	0.0191	ug/L	sample
CUGRHS3	6/19/2002	Chlorpyrifos	ND	0.0143	ug/L	sample
CUGRHS3	6/19/2002	Malathion	ND	0.0191	ug/L	sample
CUGRHS3	6/19/2002	Fenthion	ND	0.00954	ug/L	sample
CUGRHS3	6/19/2002	Parathion	ND	0.0143	ug/L	sample
CUGRHS3	6/19/2002	Trichloronate	ND	0.00954	ug/L	sample
CUGRHS3	6/19/2002	Tetrachlorvinphos	ND	0.00954	ug/L	sample
CUGRHS3	6/19/2002	Mephos	ND	0.0143	ug/L	sample

CUGRBH3	6/19/2002	Tokuthion	ND	0.0143	ug/L	sample
CUGRBH3	6/19/2002	Fensulfothion	ND	0.0143	ug/L	sample
CUGRBH3	6/19/2002	Bolstar	ND	0.00954	ug/L	sample
CUGRBH3	6/19/2002	EPN	ND	0.00954	ug/L	sample
CUGRBH3	6/19/2002	Azinphos,methyl	ND	0.0143	ug/L	sample
CUGRBH3	6/19/2002	Coumaphos	ND	0.0143	ug/L	sample
CUGRDS5	6/21/2002	2,4-Dichlorophenylacetic acid	101	%	sample	
CUGRDS5	6/21/2002	Dalapon	ND	0.0494	ug/L	sample
CUGRDS5	6/21/2002	4-Nitrophenol	ND	0.0494	ug/L	sample
CUGRDS5	6/21/2002	Dicamba	ND	0.0494	ug/L	sample
CUGRDS5	6/21/2002	Dichloroprop	ND	0.0494	ug/L	sample
CUGRDS5	6/21/2002	2,4-D	ND	0.0494	ug/L	sample
CUGRDS5	6/21/2002	Pentachlorophenol	ND	0.0494	ug/L	sample
CUGRDS5	6/21/2002	Silvex (2,4,5-TP)	ND	0.0494	ug/L	sample
CUGRDS5	6/21/2002	2,4,5-T	ND	0.0988	ug/L	sample
CUGRDS5	6/21/2002	Dinoseb	ND	0.0494	ug/L	sample
CUGRDS5	6/21/2002	2,4-DB	ND	0.0988	ug/L	sample
CUGRDS5	6/21/2002	MCPP	ND	0.0494	ug/L	sample
CUGRDS5	6/21/2002	MCPA	ND	0.0494	ug/L	sample
CUGRBH3	6/21/2002	2,4-Dichlorophenylacetic acid	85.2	%	sample	
CUGRBH3	6/21/2002	Dalapon	ND	0.0477	ug/L	sample
CUGRBH3	6/21/2002	4-Nitrophenol	ND	0.0477	ug/L	sample
CUGRBH3	6/21/2002	Dicamba	ND	0.0477	ug/L	sample
CUGRBH3	6/21/2002	Dichloroprop	ND	0.0477	ug/L	sample
CUGRBH3	6/21/2002	2,4-D	ND	0.0477	ug/L	sample
CUGRBH3	6/21/2002	Pentachlorophenol	ND	0.0477	ug/L	sample
CUGRBH3	6/21/2002	Silvex (2,4,5-TP)	ND	0.0477	ug/L	sample
CUGRBH3	6/21/2002	2,4,5-T	ND	0.0954	ug/L	sample
CUGRBH3	6/21/2002	Dinoseb	ND	0.0477	ug/L	sample
CUGRBH3	6/21/2002	2,4-DB	ND	0.0954	ug/L	sample
CUGRBH3	6/21/2002	MCPP	ND	0.0477	ug/L	sample
CUGRBH3	6/21/2002	MCPA	ND	0.0477	ug/L	sample
CUGRDS5	6/23/2002	2 - Fluorophenol	71	%	sample	
CUGRDS5	6/23/2002	Phenol - d5	39.1	%	sample	
CUGRDS5	6/23/2002	Nitrobenzene - d5	121	%	sample	
CUGRDS5	6/23/2002	2 - Fluorobiphenyl	117	%	sample	
CUGRDS5	6/23/2002	2,4,6 - Tribromophenol	120	%	sample	
CUGRDS5	6/23/2002	p - Terphenyl - d14	128	%	sample	
CUGRDS5	6/23/2002	Naphthalene	ND	0.0509	ug/L	sample
CUGRDS5	6/23/2002	2-Methylnaphthalene	ND	0.0509	ug/L	sample
CUGRDS5	6/23/2002	2-Chloronaphthalene	ND	0.0509	ug/L	sample
CUGRDS5	6/23/2002	Acenaphthylene	ND	0.0509	ug/L	sample
CUGRDS5	6/23/2002	Acenaphthene	ND	0.0509	ug/L	sample
CUGRDS5	6/23/2002	Fluorene	ND	0.0509	ug/L	sample
CUGRDS5	6/23/2002	Phenanthrene	ND	0.0509	ug/L	sample
CUGRDS5	6/23/2002	Anthracene	ND	0.0509	ug/L	sample
CUGRDS5	6/23/2002	Fluoranthene	ND	0.0509	ug/L	sample
CUGRDS5	6/23/2002	Pyrene	ND	0.0509	ug/L	sample
CUGRDS5	6/23/2002	Benzo(a)anthracene	ND	0.0102	ug/L	sample

CUGRDS5	6/23/2002	Chrysene	ND	0.0102	ug/L	sample
CUGRDS5	6/23/2002	Benzofluoranthenes	ND	0.0203	ug/L	sample
CUGRDS5	6/23/2002	Benzo(a)pyrene	ND	0.0102	ug/L	sample
CUGRDS5	6/23/2002	Indeno(1,2,3-cd)pyrene	ND	0.0102	ug/L	sample
CUGRDS5	6/23/2002	Dibenz(a,h)anthracene	ND	0.0102	ug/L	sample
CUGRDS5	6/23/2002	Benzo(g,h,i)perylene	ND	0.0102	ug/L	sample
CUGRDS5	6/23/2002	Atrazine	ND	0.102	ug/L	sample
CUGRBH3	6/27/2002	Nitrobenzene - d5	77		%	sample
CUGRBH3	6/27/2002	2 - Fluorobiphenyl	132		%	sample X9
CUGRBH3	6/27/2002	p - Terphenyl - d14	159		%	sample X9
CUGRBH3	6/27/2002	Naphthalene	ND	0.478	ug/L	sample
CUGRBH3	6/27/2002	2-Methylnaphthalene	ND	0.478	ug/L	sample
CUGRBH3	6/27/2002	2-Chloronaphthalene	ND	0.478	ug/L	sample
CUGRBH3	6/27/2002	Acenaphthylene	ND	0.478	ug/L	sample
CUGRBH3	6/27/2002	Acenaphthene	ND	0.478	ug/L	sample
CUGRBH3	6/27/2002	Fluorene	ND	0.478	ug/L	sample
CUGRBH3	6/27/2002	Phenanthrene	ND	0.478	ug/L	sample
CUGRBH3	6/27/2002	Anthracene	ND	0.478	ug/L	sample
CUGRBH3	6/27/2002	Fluoranthene	ND	0.478	ug/L	sample
CUGRBH3	6/27/2002	Pyrene	ND	0.478	ug/L	sample
CUGRBH3	6/27/2002	Benzo(a)anthracene	ND	0.0956	ug/L	sample
CUGRBH3	6/27/2002	Chrysene	ND	0.0956	ug/L	sample
CUGRBH3	6/27/2002	Benzofluoranthenes	ND	0.191	ug/L	sample
CUGRBH3	6/27/2002	Benzo(a)pyrene	ND	0.0956	ug/L	sample
CUGRBH3	6/27/2002	Indeno(1,2,3-cd)pyrene	ND	0.0956	ug/L	sample
CUGRBH3	6/27/2002	Dibenz(a,h)anthracene	ND	0.0956	ug/L	sample
CUGRBH3	6/27/2002	Benzo(g,h,i)perylene	ND	0.0956	ug/L	sample
CUGRBH3	6/27/2002	Atrazine	ND	0.956	ug/L	sample
CUGRDS5	6/18/2002	Fluoride	ND	0.06	mg/L	sample
CUGRDS5	6/18/2002	Chloride	0.452	0.3	mg/L	sample
CUGRDS5	6/18/2002	Nitrite as N	ND	0.031	mg/L	sample
CUGRDS5	6/18/2002	Nitrate as N	ND	0.03	mg/L	sample
CUGRDS5	6/18/2002	Sulfate	0.223	0.3	mg/L	sample J
CUGRBH3	6/18/2002	Fluoride	ND	0.06	mg/L	sample
CUGRBH3	6/18/2002	Chloride	0.829	0.3	mg/L	sample
CUGRBH3	6/18/2002	Nitrite as N	ND	0.031	mg/L	sample
CUGRBH3	6/18/2002	Nitrate as N	ND	0.03	mg/L	sample
CUGRBH3	6/18/2002	Sulfate	0.562	0.3	mg/L	sample
CUGRDS5	6/18/2002	Fluoride	ND	0.06	mg/L	dup
CUGRDS5	6/18/2002	Chloride	0.463	0.3	mg/L	dup
CUGRDS5	6/18/2002	Nitrite as N	ND	0.031	mg/L	dup
CUGRDS5	6/18/2002	Nitrate as N	ND	0.03	mg/L	dup
CUGRDS5	6/18/2002	Sulfate	0.276	0.3	mg/L	dup J
CUGRDS5	6/18/2002	Fluoride	7.58	0.0606	mg/L	ms
CUGRDS5	6/18/2002	Chloride	39.4	0.303	mg/L	ms
CUGRDS5	6/18/2002	Nitrite as N	2.14	0.0313	mg/L	ms
CUGRDS5	6/18/2002	Nitrate as N	3.9	0.0303	mg/L	ms
CUGRDS5	6/18/2002	Sulfate	40.3	0.303	mg/L	ms
	6/21/2002	Iron	ND	0.1	mg/L	blank

6/21/2002	Sodium	ND	1	mg/L	blank
6/21/2002	Cadmium	ND	0.005	mg/L	blank
6/21/2002	Chromium	ND	0.01	mg/L	blank
6/21/2002	Copper	ND	0.01	mg/L	blank
6/21/2002	Lead	ND	0.01	mg/L	blank
6/21/2002	Nickel	ND	0.01	mg/L	blank
6/21/2002	Silver	ND	0.01	mg/L	blank
6/21/2002	Zinc	ND	0.01	mg/L	blank
6/21/2002	Arsenic	ND	0.001	mg/L	blank
6/21/2002	Antimony	0.000048	0.003	mg/L	blank J
6/21/2002	Barium	0.00002	0.001	mg/L	blank J
6/21/2002	Beryllium	ND	0.0005	mg/L	blank
6/21/2002	Cadmium	ND	0.0005	mg/L	blank
6/21/2002	Chromium	0.000078	0.001	mg/L	blank J
6/21/2002	Copper	0.000036	0.001	mg/L	blank J
6/21/2002	Lead	0.000028	0.0005	mg/L	blank J
6/21/2002	Manganese	0.000157	0.0005	mg/L	blank J
6/21/2002	Nickel	ND	0.001	mg/L	blank
6/21/2002	Selenium	ND	0.003	mg/L	blank
6/21/2002	Silver	ND	0.0005	mg/L	blank
6/21/2002	Thallium	ND	0.0005	mg/L	blank
6/21/2002	Zinc	0.00184	0.003	mg/L	blank J
6/21/2002	Arsenic	ND	0.002	mg/L	blank
6/21/2002	Copper	ND	0.001	mg/L	blank
6/21/2002	Lead	ND	0.0005	mg/L	blank
6/21/2002	Selenium	ND	0.002	mg/L	blank
6/21/2002	Mercury	ND	0.0002	mg/L	blank
6/19/2002	Tributyl Phosphate	81.5	%	blank	
6/19/2002	Triphenyl Phosphate	77.3	%	blank	
6/19/2002	Dichlorvos	ND	0.02	ug/L	blank
6/19/2002	Mevinphos	ND	0.02	ug/L	blank
6/19/2002	Ethoprop	ND	0.03	ug/L	blank
6/19/2002	Naled	ND	0.02	ug/L	blank
6/19/2002	Sulfotep	ND	0.01	ug/L	blank
6/19/2002	Monocrotophos	ND	0.01	ug/L	blank
6/19/2002	Phorate	ND	0.015	ug/L	blank
6/19/2002	Dimethoate	ND	0.05	ug/L	blank
6/19/2002	Demeton,o-s	ND	0.02	ug/L	blank
6/19/2002	Diazinon	ND	0.02	ug/L	blank
6/19/2002	Disulfoton	ND	0.015	ug/L	blank
6/19/2002	Parathion,methyl	ND	0.03	ug/L	blank
6/19/2002	Ronnel	ND	0.02	ug/L	blank
6/19/2002	Chlorpyrifos	ND	0.015	ug/L	blank
6/19/2002	Malathion	ND	0.02	ug/L	blank
6/19/2002	Fenthion	ND	0.01	ug/L	blank
6/19/2002	Parathion	ND	0.015	ug/L	blank
6/19/2002	Trichloronate	ND	0.01	ug/L	blank
6/19/2002	Tetrachlorvinphos	ND	0.01	ug/L	blank
6/19/2002	Merphos	ND	0.015	ug/L	blank

6/19/2002	Tokuthion	ND	0.015	ug/L	blank
6/19/2002	Fensulfothion	ND	0.015	ug/L	blank
6/19/2002	Bolstar	ND	0.01	ug/L	blank
6/19/2002	EPN	ND	0.01	ug/L	blank
6/19/2002	Azinphos,methyl	ND	0.015	ug/L	blank
6/19/2002	Coumaphos	ND	0.015	ug/L	blank
6/19/2002	Tributyl Phosphate	96.2		%	bs
6/19/2002	Triphenyl Phosphate	91		%	bs
6/19/2002	Diazinon	1.17	0.02	ug/L	bs
6/19/2002	Chlorpyrifos	1.08	0.015	ug/L	bs
6/19/2002	Malathion	1.2	0.02	ug/L	bs
6/19/2002	Azinphos,methyl	1.04	0.015	ug/L	bs
6/19/2002	Tributyl Phosphate	87		%	bsd
6/19/2002	Triphenyl Phosphate	77.7		%	bsd
6/19/2002	Diazinon	0.923	0.02	ug/L	bsd
6/19/2002	Chlorpyrifos	0.859	0.015	ug/L	bsd
6/19/2002	Malathion	0.896	0.02	ug/L	bsd
6/19/2002	Azinphos,methyl	0.855	0.015	ug/L	bsd
6/21/2002	2,4-Dichlorophenylacetic acid	85.3		%	blank
6/21/2002	Dalapon	ND	0.05	ug/L	blank
6/21/2002	4-Nitrophenol	ND	0.05	ug/L	blank
6/21/2002	Dicamba	ND	0.05	ug/L	blank
6/21/2002	Dichloroprop	ND	0.05	ug/L	blank
6/21/2002	2,4-D	ND	0.05	ug/L	blank
6/21/2002	Pentachlorophenol	ND	0.05	ug/L	blank
6/21/2002	Silvex (2,4,5-TP)	ND	0.05	ug/L	blank
6/21/2002	2,4,5-T	ND	0.1	ug/L	blank
6/21/2002	Dinoseb	ND	0.05	ug/L	blank
6/21/2002	2,4-DB	ND	0.1	ug/L	blank
6/21/2002	MCPP	ND	0.05	ug/L	blank
6/21/2002	MCPA	ND	0.05	ug/L	blank
6/21/2002	2,4-Dichlorophenylacetic acid	96		%	bs
6/21/2002	Dalapon	2.4	0.05	ug/L	bs
6/21/2002	Dicamba	4.8	0.05	ug/L	bs
6/21/2002	2,4-D	5.84	0.05	ug/L	bs
6/21/2002	Pentachlorophenol	5.33	0.05	ug/L	bs
6/21/2002	Silvex (2,4,5-TP)	5.55	0.05	ug/L	bs
6/21/2002	Dinoseb	5.3	0.05	ug/L	bs
6/21/2002	MCPP	5.64	0.05	ug/L	bs
6/21/2002	2,4-Dichlorophenylacetic acid	90.2		%	bsd
6/21/2002	Dalapon	2.35	0.05	ug/L	bsd
6/21/2002	Dicamba	4.46	0.05	ug/L	bsd
6/21/2002	2,4-D	5.25	0.05	ug/L	bsd
6/21/2002	Pentachlorophenol	4.97	0.05	ug/L	bsd
6/21/2002	Silvex (2,4,5-TP)	5.34	0.05	ug/L	bsd
6/21/2002	Dinoseb	5.01	0.05	ug/L	bsd
6/21/2002	MCPP	5.28	0.05	ug/L	bsd
6/21/2002	2 - Fluorophenol	77.2		%	blank
6/21/2002	Phenol - d5	44		%	blank

6/21/2002	Nitrobenzene - d5	92	%	blank
6/21/2002	2 - Fluorobiphenyl	96	%	blank
6/21/2002	2,4,6 - Tribromophenol	99.3	%	blank
6/21/2002	p - Terphenyl - d14	119	%	blank
6/21/2002	Naphthalene	ND	0.05	ug/L
6/21/2002	2-Methylnaphthalene	ND	0.05	ug/L
6/21/2002	2-Chloronaphthalene	ND	0.05	ug/L
6/21/2002	Acenaphthylene	ND	0.05	ug/L
6/21/2002	Acenaphthene	ND	0.05	ug/L
6/21/2002	Fluorene	ND	0.05	ug/L
6/21/2002	Phenanthrene	ND	0.05	ug/L
6/21/2002	Anthracene	ND	0.05	ug/L
6/21/2002	Fluoranthene	ND	0.05	ug/L
6/21/2002	Pyrene	ND	0.05	ug/L
6/21/2002	Benzo(a)anthracene	ND	0.01	ug/L
6/21/2002	Chrysene	ND	0.01	ug/L
6/21/2002	Benzofluoranthenes	ND	0.02	ug/L
6/21/2002	Benzo(a)pyrene	ND	0.01	ug/L
6/21/2002	Indeno(1,2,3-cd)pyrene	ND	0.01	ug/L
6/21/2002	Dibenz(a,h)anthracene	ND	0.01	ug/L
6/21/2002	Benzo(g,h,i)perylene	ND	0.01	ug/L
6/21/2002	Atrazine	ND	0.1	ug/L
6/21/2002	2 - Fluorophenol	96.9	%	bs
6/21/2002	Phenol - d5	54.5	%	bs
6/21/2002	Nitrobenzene - d5	97.7	%	bs
6/21/2002	2 - Fluorobiphenyl	125	%	bs
6/21/2002	2,4,6 - Tribromophenol	138	%	bs
6/21/2002	p - Terphenyl - d14	135	%	bs
6/21/2002	Naphthalene	0.721	0.05	ug/L
6/21/2002	2-Methylnaphthalene	0.762	0.05	ug/L
6/21/2002	2-Chloronaphthalene	0.954	0.05	ug/L
6/21/2002	Acenaphthylene	0.771	0.05	ug/L
6/21/2002	Acenaphthene	0.956	0.05	ug/L
6/21/2002	Fluorene	0.979	0.05	ug/L
6/21/2002	Phenanthrene	0.937	0.05	ug/L
6/21/2002	Anthracene	0.971	0.05	ug/L
6/21/2002	Fluoranthene	0.94	0.05	ug/L
6/21/2002	Pyrene	1.01	0.05	ug/L
6/21/2002	Benzo(a)anthracene	0.762	0.01	ug/L
6/21/2002	Chrysene	1.02	0.01	ug/L
6/21/2002	Benzofluoranthenes	1.96	0.02	ug/L
6/21/2002	Benzo(a)pyrene	0.9	0.01	ug/L
6/21/2002	Indeno(1,2,3-cd)pyrene	1.05	0.01	ug/L
6/21/2002	Dibenz(a,h)anthracene	1.04	0.01	ug/L
6/21/2002	Benzo(g,h,i)perylene	0.983	0.01	ug/L
6/21/2002	Atrazine	1.02	0.1	ug/L
6/27/2002	Nitrobenzene - d5	88.3	%	bsd
6/27/2002	2 - Fluorobiphenyl	124	%	bsd
6/27/2002	p - Terphenyl - d14	122	%	bsd

6/27/2002	Naphthalene	0.847	0.05	ug/L	bsd
6/27/2002	2-Methylnaphthalene	0.92	0.05	ug/L	bsd
6/27/2002	2-Chloronaphthalene	1.03	0.05	ug/L	bsd
6/27/2002	Acenaphthylene	0.884	0.05	ug/L	bsd
6/27/2002	Acenaphthene	1.19	0.05	ug/L	bsd
6/27/2002	Fluorene	1.01	0.05	ug/L	bsd
6/27/2002	Phenanthrene	1.09	0.05	ug/L	bsd
6/27/2002	Anthracene	0.918	0.05	ug/L	bsd
6/27/2002	Fluoranthene	1.04	0.05	ug/L	bsd
6/27/2002	Pyrene	1.02	0.05	ug/L	bsd
6/27/2002	Benzo(a)anthracene	0.915	0.01	ug/L	bsd
6/27/2002	Chrysene	1.1	0.01	ug/L	bsd
6/27/2002	Benzofluoranthenes	3.18	0.02	ug/L	bsd
6/27/2002	Benzo(a)pyrene	1.1	0.01	ug/L	bsd
6/27/2002	Indeno(1,2,3-cd)pyrene	0.951	0.01	ug/L	bsd
6/27/2002	Dibenz(a,h)anthracene	0.733	0.01	ug/L	bsd
6/27/2002	Benzo(g,h,i)perylene	1.05	0.01	ug/L	bsd
6/27/2002	Atrazine	0.562	0.1	ug/L	bsd
6/18/2002	Fluoride	ND	0.06	mg/L	blank
6/18/2002	Chloride	ND	0.3	mg/L	blank
6/18/2002	Nitrite as N	ND	0.031	mg/L	blank
6/18/2002	Nitrate as N	ND	0.03	mg/L	blank
6/18/2002	Sulfate	ND	0.3	mg/L	blank
6/18/2002	Fluoride	7.78	0.06	mg/L	bs
6/18/2002	Chloride	38.1	0.3	mg/L	bs
6/18/2002	Nitrite as N	2.02	0.031	mg/L	bs
6/18/2002	Nitrate as N	3.83	0.03	mg/L	bs
6/18/2002	Sulfate	39.5	0.3	mg/L	bs

TABLE C

Phytoplankton Sample Analysis

Sample: Cougar Lake

Sample Station:

Sample Depth:

Sample Date: 29-Aug-02

Total Density (#/mL):	3,221
Total Biovolume (um³/mL):	6,008,367
Trophic State Index:	62.8

Species	Density	Density	Biovolume	Biovolume
	#/mL	Percent	um ³ /mL	Percent
1 Anabaena flos-aquae	2,550	79.2	4,955,228	82.5
2 Anabaena circinalis	349	10.8	963,207	16.0
3 Ankistrodesmus falcatus	161	5.0	4,027	0.1
4 Cryptomonas erosa	54	1.7	27,919	0.5
5 Cymbella sinuata	27	0.8	3,758	0.1
6 Melosira varians	27	0.8	34,899	0.6
7 Glenodinium sp.	27	0.8	18,792	0.3
8 Rhodomonas minuta	27	0.8	537	0.0

Anabaena flos-aquae cells/mL =	73,959
Anabaena flos-aquae heterocysts/mL =	2,174
Anabaena flos-aquae akinetes/mL =	537